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Lancaster Farming

VOL. 8 NO. 10 | Lancaster Farming, Saturday, February 9, 1963 | $2 Per Year

STANDING IN FRONT OF TWO LAYING houses that total 536 feet of length is Mel Wenger, Rheems. The two houses are a part of a seven-house complex of a caged layer complex that will eventually house 60,000 laying hens and 12,000 pullets. The seventh structure, now under construction will contain egg processing equipment. Eggs, Incorporated, the firm formed by Wenger, will wash, candle, grade and carton the eggs for retail trade, but will not sell the eggs at retail. A total of 24,000 hens are already in production with another unit of 12,000 scheduled to come into production shortly. L. F. Photo.

Eggs Incorporated Builds Factory In Lancaster Co.

An egg factory is nearing completion in northeastern Lancaster County

Eggs, Incorporated, headed by John and Mel Wenger, Rheems, will soon be turning out eggs, ready for the retailer, at the rate of nearly 200 cases a day

The first two of six units, which will eventually house 60,000 laying hens and 12,000 pullets have already been put in service and about 70 cases of fresh eggs are being gathered daily

Mel Wenger sees the new corporation as a bid to recapture some of the lost egg market for Pennsylvania farmers "We do not want to go into competition with local egg producers," he said, "In fact, we will do everything we can to see to it that we do not compete with the local growers"

Wenger went on to say that nearly a third of the eggs consumed in Pennsylvania are imported from other states Even with Pennsylvania, and Lancaster County in particular, sitting right in the geographic center of the Atlantic coast "Megapolis' of over 50 million consumers poultry numbers have declined steadily to the lowest point since 1940

"We want to produce an egg of uniform quality and market it as a Pennsylvania egg to better the market for all producers in the state". Wenger explains. "We will not sell any of the eggs on the local retail market, but if we can put out a quality pack which will compete with the Southern eggs being shipped in, we hope to help improve the market for all producers in Pennsylvania"

Eggs, Inc put the first 12,000 hens in cages last October and added another unit of 12,000 in December The third unit will be in production shortly, and the fourth house is virtually completed Twelve-week-old birds will go into the house and begin a 15 month cycle of production before they are replaced with new pullets

When the six units are all in production, 60,000 layers and 12,000 pullets will rotate on a

(Continued on page 6)

Feed Company Will Initiate Egg Promotion

Every retail outlet which has handled Pennsylvania Certified eggs since initiation of the program in 1958 has increased sales volume, Ed Lawless, Chief of the Poultry and Eggs Division of the Pennsylvania Bureau of Markets said Monday

Speaking at the Kickoff luncheon of an egg promotion program sponsored by the Ralston Purina Company in Harrisburg, Lawless said the program now includes 44 plants and included 2,777,000 dozen eggs in December 1962 compared to 168,000 dozen in April of 1958. A total of 23 million dozen eggs were sold as certified in 1961 compared to 28½ million dozen in 1962.

Lawless said inspectors make unannounced visits to the co-

(Continued on Page 4)

Farm Calendar

Feb. 11 — 1:30 p.m. — Celery and early tomato growers meeting at the packing house of Amos Funk, Millersville R1.

7:30 p m — Northeast 4-H tractor club meets at the shop of Allen Matz, Denver

7:30 p.m. — Lancaster County Soil Conservation District Directors meet in the court house, Lancaster

Feb. 12 — 6:30 p m — Fiftieth anniversary annual meeting and banquet of the Lancaster County Extension service in the Hotel Brunswick, Lancaster.

7.15 — New Holland Young Farmers meeting in the Garden Spot High School. New Holland. Subject — Acetylene welding.

7:30 p.m — Manor Young Farmers meet in the Penn Man-

(Continued on Page 10)

Egg Washing Saves Time For Co. Poultryman

How much time does in-plant egg washing save?

According to Roger Thome, Mount Joy R2, it saves in the neighborhood of six hours a day over washing on the farm

Thome, who has 9,000 hens in cages, says the saving in time is not in the gathering or in the washing, since the eggs have to be handled separately and sprayed with oil, but the time saving is in the casing Eggs can be handled 30 at a time on the fillers after oiling and cooling When they were gathered and washed in baskets, they had to be packed individually and inspected for soil and stains

With only two weeks' experience with the in-plant washing, Thome was hesitant to say how much saving he could expect, but he did say his egg report from the first two deliveries showed only about half as many cracked eggs when they were washed in the plant as when they were

(Continued on page 5)

Scholarships Available For 4-H Members

Three $100 scholarship grants and three $50 grants will be made available to county 4-H club members by the Lancaster County Bankers Association, it was announced this week by the extension service.

The larger grants will be awarded to three 4-H club members enrolled or planning to enroll in a four year program at some college or university The $50 awards will go to members who plan to further their education beyond high school in some field such as nursing or beauty culture.

Applicants must be either high school graduates or seniors at present and regularly enrolled in the county 4-H program

Application must be made on a standard form available at the County Agent's office, and must be submitted to the office not later than February 22. Winners will be selected on the basis of achievement in 4-H work and other youth or community activities, and on high school or college activities and scholarship.

Stock Yards Business Tops $55 Million

Livestock value traded on the Lancaster Union Stock Yards last year topped the $55 million mark, it was reported at the annual meeting of the Lancaster Livestock Exchange Tuesday night.

The dollar volume was more than $3½ million higher than the reported figure in 1961 Total volume in 1962 was $55,059,577 89 compared with $51,314,479 63 the previous year

Hog numbers during the year were down by almost 10,000 head, but the increase in both cattle numbers and prices more than made up the difference Calf and sheep receipts were about even for the two years

In other business, the exchange reelected Robert Heilbron, 71 Oak Lane, president Heilbron is a partner in the firm of Samuel L Heilbron and Sons, livestock brokers

Also reelected were James C. Dunlap, 1209 Marietta Ave, vice president. Robert F. Johnson, 41 Hess Blvd, treasurer.

(Continued on Page 2)

County Future Farmers Aid Drill Box Survey

Penn State's drill box survey will get an assist this spring from the Future Farmers of Lancaster County

Future Farmers of America, under the direction of the county teachers of vocational agriculture will collect samples of the oats, clover and timothy they plan to seed on their home farms this spring and send them to Clarence Bryner, extension agonomist from the state university for purity and germination testing

Bryner, who has been conducting the drill box surveys in several Pennsylvania counties, met with the teachers at their regular meeting Tuesday night and enlisted their aid in completing a survey in Lancaster County

"Five years ago," Bryner said, "I was in charge of the small grain classes at the Pennsylvania State Farm Show. I was astounded at the number of weed seed, including noxious weeds and especially quack grass, in the samples."

Bryner said that while the samples were farm grains, they were supposed to be cleaned samples, and should have been almost seed quality, but most of the grains, especially oats were loaded with weed seed.

He has collected samples of

(Continued on Page 6)

Celery Growers To Hold Meet

Celery growers have been invited to a county-wide meeting with extension vegetable specialists in the packing room of Amos Funk, Millersville R1, next Monday, February 11 at 1.30 p m

Dr Roy Creech, plant breeder, James Dutt, extension vegetable specialist, and Dr Ernie Bergman, nutrition researcher, all from the Pennsylvania State University will discuss varieties, breeding progress being made, fertilization, cultural practices, and nutrition experiments Improved selections of the H-46 variety which was released by the University last year as a replacement for the Houser strain which disappeared during World War II

Farmers interested in growing early staked tomatoes will be invited to ask questions on this subject.

FIVE-DAY WEATHER FORECAST

Temperatures during the next five days are expected to average three to seven degrees below the normal range of 24 at night to 39 in the afternoon. Consistently cold weather is expected throughout the period with some moderation near the end of the period. Precipitation is expected to total 0.1 to 0.3 inch occurring mostly as light snow or rain Sunday or Monday.

Market News Reports

At Lancaster Yards

WEEKLY REVIEW

Friday Feb. 8

CATTLE 2250. Compared with 2115 head last week. Supply includes 45 percent slaughter steers and 30 percent feeded steers Trading slow. Compared with last weeks close, slaughter steers 50 lower; Cows and bulls steady. Feeder steers weak.

Slaughter steers Choice 950-1300 lbs 25 25-26.75, Lot 935 lbs 27 00, Lot 890 lbs 27 50, Good 23 00-25 00, Mixed Good and Choice 24 50-25 50

Heifers Lot Choice 870 lbs. 26 00, few Good and Choice 23 50-24 50.

Cows Cutter and Utility 14 - 50-17 00 Canner and low Cutter 12 75-14 50, Shelly canner down to 10 50.

Bulls· Utility and Commercial 20 00-22 50, Good grade 22 00-26 50

Feeder Steers· Good and Choice 600-830 lbs 23 50-26 - 00, Lot Good and Choice 401 lbs 26 50, Lot Choice 415 lbs. 30 50.

CALVES· 600 Compared with 360 head last week. Vealers steady to 2 00 lower.

Good and Choice 33 00-39 - 00, Choice and Prime 39 00-44 00, Few to 46 00, Standard and low Good 28 00-34 00, Utility 23 00-28 00

HOGS 1350 Compared with 924 head last week Barrows and gilts steady Sows steady Trading moderately active

Barrows and gilts: U.S 1-2 190-230 lbs 17 50-18.25, No 1 190-230 lbs 18 25-18 50, few small lots 19 00, 1-3 190-240 lbs. 17 00-17 75, 2-3 240-260 lbs. 16 50-17 25

Sows: U S 1-3 300-450 lbs 12 50-14 00, 2-3, 450-600 lbs. 11.00-12 50.

SHEEP. 200. Compared with 74 head last week. Wooled slaughter lambs steady.

Choice grade 70-105 lb. wooled slaughter lambs 22 00-24 00, Good 18.00-22 00, Utility grade 14 00-18.00

Chicago Cattle

WEEKLY REVIEW

CATTLE — Salable Receipts first four days 26,900, compared 28,950 week ago and 31,150 a year ago.

Slaughter steers and heifers worked higher for the first weekly advance in twelve weeks Slaughter steers closed strong to 50 higher than last Friday, some sales 1 00 higher than the low time Wednesday of last week. Heifers strong to fully 50 higher. Cows weak to 25 lower. Bulls strong Few feeders steady to weak.

Slaughter steers· Loadlots Prime 1200-1350 lbs. 27 25-27 50, Including fully 18 loads at 27 50 Couple loads Prime 1375-1422 lbs 27 00 Bulk high Choice and Prime 1100-1350 lbs. 26 50-27.00, load high Choice and Prime 916 lbs 26 75. Bulk Choice 900-1150 lbs. 25 25-26 50 Most late sales 25 00-26 25. Load Choice 1400 lbs 25 00 and load high Choice 1500 lbs. 25 50. Good 23.25-24 75, Mixed Good and Choice 1000-1250 lbs. 24 75-25 25 Standard 20 00-23 00.

Slaughter heifers Load Prime 1116 lbs. 26 75. Bulk High Choice and Prime 850-1025 lbs. 26 25-26 50, on Wednesday load high Choice and Prime 950 lbs 26 75 and early in week, load Prime 1125 lbs. 26.00. Bulk Choice 850-1050 lbs. 24.75-26 00. Good 23.00-24 50 with loadlots Mixed Good and Choice 24 50-25 00. Load Mixed Standard and Good 22.25.

COWS: Utility and Commercial closed at 14 25-16.00, few head 16 25-16.50; Canner and Cutter largely 11 50-14.-25, on the close, most sales 11.50-14 00. Shelly Canner 10.-50-11 50.

BULLS Utility and Commercial 19 00-21 25, few Cutter during the week 16 50-19.-00.

FEEDERS Load Choice 715 lb steers 24.75. Few loads and lots Good and Choice 800-1000 lbs. 22.25-23 25. Short load Choice 450 lb. steer calves 26 50.

Vintage Sale

Tuesday, February 5

CATTLE 670. Supply includes 30 percent cows. Compared with last Tuesday's market, slaughter steers grading Choice 75-1.00 lower; Good grade and below 25-75 lower. Cutter and utility cows steady to 25 lower; Canners fully steady. Bulls 50 lower.

Slaughter Steers: Few High Choice and Prime 1350-1550 lbs 24.50- 26.00; Choice 950-1350 lbs 25.50-27.00, few 27 - 60, and few head 28 00. Good to low Choice 23 75-25.75, Standard 21.00-23.50.

Cutter and Utility cows 14.-00-17 00, few to 17 25, Canner and low cutter 12 50-14 25.

Bulls· Utility and Commercial bulls 19.00-22.00.

CALVES: 375. Yealers steady to 2 00 lower. Choice 36 00-44.00, few Prime at 48 - 00, Good 31.00-36 00, Standard 27.00-31 00, Utility 22 00-27 - 00.

HOGS· 217. Barrows and gilts weak.

US 1-2 200-226 lb. Barrows and gilts 17 60-18.00, 1-3 186-240 lbs 16.75-17.50. Lot 2-3 254 lbs 16.10, Lot Medium 135 lbs 14.75.

Sows U.S. 1-3 345-490 lbs. 11.60-14 00.

SHEEP: 11. Not enough on sale to establish a market.

New Holland Auction

Thursday, Feburary 7

CATTLE: 1157. Supply includes 30 percent cows Compared with last Thursday's Market, slaughter steers grading Choice and better steady to 25 higher; Good grade and below steady Cutter and Utility cows 50 lower; canners steady. Bulls steady to 50 lower.

Several lots High Choice and Prime 1050-1300 lbs. slaughter steers 27.35-27 50, Choice 950-1350 lbs. 25 25-27.35, Good to low Choice 23.50-25.50, Standard 20 00-23.50, Utility 18.-00-20 00.

Cows: Cutter and Utility cows 14 00-16 50, Canner and low Cutter 12 75-14.00, Shelly canner down to 11 00.

Bulls· Utility and Commercial 19 00-22.85. Good grade 22 00-24 00.

Three lots Choice and Fancy 806-916 lb. feeder steers 25.-35-25.85, few lots Good and Choice 780-1045 lbs. 23.10-25 50.

CALVES· 277. Vealers 1 00-3 00 lower.

Good and Choice vealers 31.00-38.00, Choice and Prime 38.00-42 00, few to 44.00, Standard and low Good 26.00-31.00, Utility 21.00-26.00

SHEEP: 26 Lot Choice grade wooled slaughter lambs 116 lbs 21.00, Few lots Good grade 53-100 lbs. 14.00-16.00.

* * * *

The 152 cows and 17 heifers at the February 6 auction of dairy cattle at New Holland sold at steady prices.

Fresh Holstein cows brought $275-600; Guernseys $175-225, and other breeds $150-225, Heifers sold for $75-144.

The 240 head of horses, ponies and mules at the February 4 sale brought steady prices. Mules by the pair brought $275 to $600 while draft horses by the pair were $300-575. Single draft horses sold for $150-275.

Pony mares brought $50-85 and gelded ponies made $35-75. Riding horses were $110-200 and driving horses were $110-225. Killers brought 7 to 7½ cents a pound.

● Lancaster Poultry

(Continued from Page 3)

try, 17 3, 12 Same (Lee Reinecker), 6000 WV, 9-2, Daniel K Good, 17 1, 13 Same (Hornco Proving Farm), 3600 WV, 8-6, Daniel K Good, 17 2, 14. Same (Martin S Landis), 4500 WV, 9-5, John N Thomas, 17 3, 15 Same (Harold Z Musser), 8500 WV, 9-6, Daniel K Good, 17 1

16 M&B (Richard Kilts), 4900 WMTC, 8-2, Daniel K Good, 17 2; 17 Same, 4700 WMT, 8-2, H W Longacre, Inc, 17 2; 18 Same (Jacob Ober), 2400 WV, 8-2, W C Mellinger & Son, 17 2, 19 W E. Diefenderfer, Sr, 400 H-F, 6 mo, NO SALE, 16 0 BID, 20 Aaron Shank, 1300 L-F, Walter B Lehman, 10 2.

21 Mervin Sauder, 550 L-F, V. J Koser Co Inc, 9.75, 22. Herman Blume, 1000 WXHP, 18-5, Daniel K Good, 21 2, 23 D E Horn & Co, (Donald Dowell), 16,500 WV, 9-2, Starr Poultry, 17 3, 24 Herman Blume, 1000 WXHP, 18-5, W C Mellinger & Son, 21 2; 25 Same, 2600 WXHP 18-5, Daniel K Good, 21 0.

● Stock Yards

(Continued from Page 1)

Walter M. Dunlap Jr, 1410 Ridge Rd., secretary.

James and Walter Dunlap are president and vice president-secretary respectively, of Walter M. Dunlap and Sons, Inc., and Johnson is secretary-treasurer of the Johnson Cattle Co.

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All Broilers Are Sold

Volume of live broilers sold at the Lancaster Poultry Center this week was more than four times as great as the previous week, but prices on the larger volume dropped only fractionally.

At the February 7 auction 87,100 broilers in 14 lots sold at prices ranging from 17 to 17.8 for a sale average of 17.24

Three lots of pullets, including 4,600 head, brought 21-21.2, while three lots of 2,900 roasters sold for 22-24 9 Two lots including 1,350 head of heavy fowl crossed the block at 25 2 to 25 5, and 1,850 leghorn fowl in two lots brought 9.75 and 10.2

Only one lot on offer failed to sell; this was a lot of 400 six-month-old heavy fowl which were bid to 16.

The Sale offered a total of 98,333 head in 25 lots and sold 97,933 head in 24 lots. Following is the complete sale report with lot number, seller, grower in parenthesis, amount and breed, age in weeks and days, buyer and price.

CODE: AAV - Arbor Acre Vantress, H-F - Heavy Fowl; MCW - Moore's Chesty Whites; WV - White Vantress; C - Cockerels, HWMT - Hubbard White Mountain, L-F - Leghorn Fowl

1 Miller & Bushong (Russel F. Taylor), 6000 AAV, 8-3, Starr Poultry, 17.2, 2 Greider Leghorn Farms, 950 H-F, 15 mo, Marvin Sweigart, 25 2, 3 Same, 400 H-F, 15 mo, Daniel K Good, 25 5, Same, 133 Males, Daniel K Good, 9 1; 4. M&B (Elmer Beiler), 2400 MCW, 9-0, Daniel K Good, 17 0; 5 Same (Daniel Ebersole), 8600 WV, 9-2, Starr Poultry, 17 3

6 Same (Glenn R. Siegrist), 1900 WVC, 13-3, H. W. Longacre, Inc, 24.9; 7 Phares A Landis, 2000 WVC, 9-6, Carl B. Risser, 17 8, 8 M&B (Kenneth M Funk), 500 HWMTC, 12-3, Daniel K Good, 22.0, 9. Same, 500 HWMTC, 12-3, Daniel K Good, 22 0; 10. D E. Horn & Co. (Donald Dowell), 8000 WV, 9-2, H. W. Longacre, Inc., 17.3.

11. Same (James Weller), 9000 WV, 10-0, Starr Poul-

(Continued on Page 2)

Live Broiler Price Improves

Delmarva reported live priced advanced nearly a quarter cent during the 24 hours ending 10 30 Friday morning A good demand met the moderate offerings

At farm prices of 16 to 17 2 for 1,072,900 head included 54,600 head purchased at Thursday's sale at the Eastern Shore Poultry Growers Exchange, Selbyville, Del Forty two per cent of the sales were at 16 5 to 16 - 9.

With very few plants operating today, estimated slaughter for the week end was 651,000 head compared to the 643,000 head last week end.

The Delmarva broiler-feed ratio for the week ending February 2 was steady with the previous week at 3 3. Broilers averaged 16 47 per ponud and mash cost the grower $98 49 per ton.

The ratio for the comparable week a year earlier was 4 1 when broilers averaged 19 15 and mash cost $93 52 per ton.

Georgia reported light offering but fully adequate for a nonaggressive interest. At farm prices were quoted at 15 with some lot under contract or prior agreements up to three quarters of a cent higher Plant delivered prices ranged 15 5 to 16 5.

Estimated slaughter for the week end by Georgia processors was 1,574,000 head compared to 1,604,000 head last week end.

Weekly New York Egg Mkt.

From Monday, February 4th to Friday, February 8th

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Ex.					
Fcy. Hywts	36½-37	38	40	40-40½	40-40½
Fcy. Hywts	36½	37½	38½-39	39	38½-39
Fcy. Med	34-34½	35	35	37-37½	37-37½
No 1 Med	34	35	35	37-37½	37-37½
Pullets	33	33	33	33	33
Peewees	26	26	26	26	26
BROWN					
Ex					
Fcy Hywts.	37½	38½	40	40	41
Fcy Hywts.	36½-37	38	39	39	39½
Fcy Med.	35	35	35	37-37½	37-37½
Pullets	33	33	33	33	33
Peewees	26	26	26	26	26
MIXED					
Fcy Hywts.	36-36½	37½	38½	38½	38½
No 1 Med.	34	35	35	37-37½	37-37½
Pullets	32	32	32	32	32
Standards	34-34½	35	36½	37	37
Checks	31½	31½-32	32-33	33	33½

TREND: Market irregular with varying demand in relation to supplies.

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Eat a Good Breakfast

An on-the-run quickie breakfast on a cold day just won't do if you hope to stay in reasonably good health, remind Penn State extension food specialists Takea few minutes longer to eat nourishing food Any easy-to-eat protein-rich food, such as eggs, makes a fine choice for the first meal of the day A hearty meal will help every family member to do better during the day.

Keep Hens Laying

So long as layers get plenty of food there's less danger of a winter slump in egg production F H Leuschner, Penn State extension poultry specialist, says housing, health, weather, or a combination of these may affect feed consumption, but feed management is always important

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C. E. SAUDER & SONS
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H. M. STAUFFER & SONS, Inc.
Witmer - Ronks - Leola

MOUNTVILLE FEED SERVICE
R. D. 2, Columbia

HERSHEY BROS.
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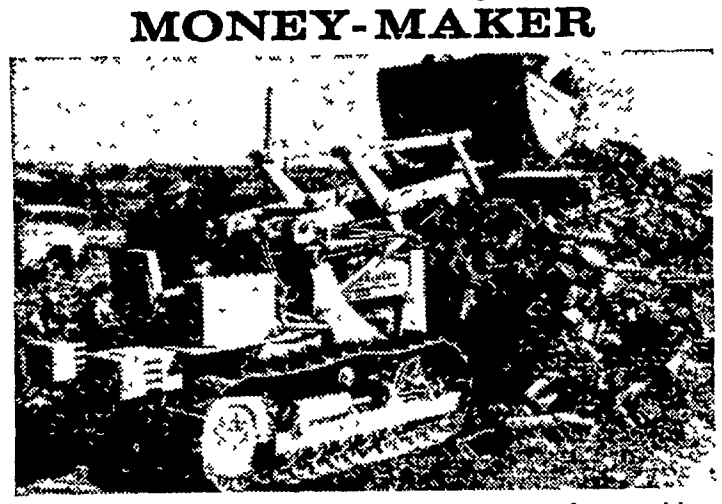

Solid construction is apparent in the tough track assembly, with full overlapping grousers of the Allis-Chalmers H-3 and HD-3 Tractors Take a look at the drive sprockets; they're husky and tough. Get a close-up of the clean lines that make mounting of equipment easy and solid.

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From Where We Stand . . .

"Silent Spring" Without Pesticides

Miss Rachel Carson's impassioned plea for a ban on all agricultural chemicals notwithstanding, the farmers of America will be using more chemical pest control during the coming year.

Now we do not believe in the indiscriminate use of powerful poisons by irresponsible persons, but we do not believe life in the United States as we know it could exist for very long without the chemicals now used to control plant and animal pests.

We all know that America is by far the best fed and best clothed nation on the earth. We have become better fed and better clothed in spite of the fact that population has climbed at phenominal rates and land has consistently gone out of agricultural production.

Of course we know some of the increased production per acre and per animal has come about through the use of better seed and livestock, and through the use of more fertilizers, but much of the increase in volume and most of the improvement in quality of farm products is the direct result of pest control through chemical sprays.

We realize, and would be the first to admit, that some of the chemicals used to kill bugs and weeds could kill people and animals, but so could common table salt kill people if they used enough of it in the wrong way.

Each year more powerful and more deadly poisons are being discovered or developed, and hand in hand with these developments goes higher and higher quality food products.

The time is long past when the housewife will be satisfied with a peck of apples with worms in only a third of them If the modern housewife finds one worm in the entire peck, she is likely to take her business elsewhere. If the housewife has to trim away a few leaves of a cabbage head, she is unhappy with the grocer who buys such inferior merchandise.

And we doubt if Miss Carson herself would long continue to purchase the scabby, misshapen potatoes which were common on the market just a few short years ago.

But it is not only in quality that the American farmer excells. How long, do you suppose, would the milk supplies in this country keep abreast of the growing population if farmers could not protect their alfalfa fields from the ravages of weevils and spittle bugs? How long could grain farmers hope to keep a supply of corn on hand for the meat animals for the nation without the aid of labor saving herbicides? And how could the farmers of the nation hope to keep a wholesome supply of milk, eggs and meat on the nation's tables without the help of the wonder drugs which have done so much to maintain the high degree of health in the farm herds and flocks?

We agree that some education is needed in the use of all farm chemicals. We know that some farmers believe in the theory that if a little bit does some good, a lot will do a lot of good. We know that some chemicals have been misused, but we tremble to think what would happen to the food supply of this nation and the world if all chemicals were suddenly removed.

With modern testing programs, the danger to consumers is so small that it hardly shows up at all in comparison to the harm that could be done through the use of food not protected by some pesticides.

At any rate, new chemicals will be on the market this year, and the farmers of the nation will continue to use them to the advantage of all the consumers of the nation.

At least that's how it looks from where we stand.

★ ★ ★ ★

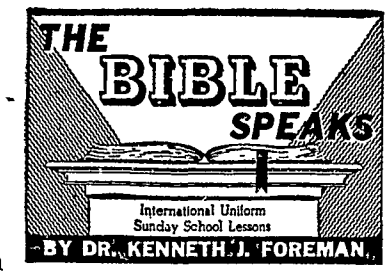
The Right Audience

Communicators who have suffered confusion in the "numbers game" for many years now have good reason to wonder about some of the new ideas coming out of research designed to learn how to communicate effectively with people — and not merely "reach" a certain number of people.

Advertisers and publicity men alike have often been convinced that successful communications efforts on behalf of a product, service, or idea depend upon the quantity of people reached. Hence the mass media "numbers game" has been a hectic "rat race," because every medium of communication, it seems, has a different way of measuring audience to prove that it reaches the right audience for you.

Television has assumed great importance to communicators as a result of this "numbers game" because a network evening show can produce an audience in the multi-millions. However, an increasing number of communicators are finding that the size of the audience may be quite meaningless. Some of these multi-million people audiences may not include the best prospects for an advertising communication. It could even be that television's most successful communications ventures, for the medium itself as well as for advertisers or publicity efforts, might be some of the shows which have difficulty staying on the air because they do not attract millions of viewers. The big audience shows may succeed primarily in lulling viewers into such a state of mental lethargy no message gets through. After all, most people watch most television for its entertainment and relaxation values.

A good many interesting reports on communications research appeared during 1962, and to help us get off to a flying start in 1963 it might be worthwhile to review at least several of these reports. — **Public Relation Tips For Dairymen.**



Helping God

Lesson for February 10, 1963

Bible Material: Mark 6 1-56.
Devotional Reading: II Corinthians 2:14 through 3.3.

DOUBTLESS God could have made a universe where He did not need help of any kind. Whatever He wanted to do, would be done, and by Him alone. Perhaps, for anything we know to the contrary, He has exactly that kind of universe running somewhere at this moment. But not this one. For His own reasons, and for our great good, God constructed this universe in such a way that if God does not get help in doing things, they will not be done. Not that God requires help in everything. If He had any help in creating this universe in the first place, we cannot imagine who could have been His assistant or His blueprint man. God had all the blueprints of the universe in His mind from before the beginning. But—once begun, while God still reserves the right to act at His own discretion without help of any one, the universe—or our part of it at least—does not run itself.

Dr. Foreman

Helping the ignorant

Let it be repeated: this is for our good. It is a wonderful privilege to share in anything God does. It is a marvelous act on His part that He should let any one of us be responsible even for a tiny part of the vast realms of God. But how can we know what God's work is? How do we know when we are helping Him? There is one thing of which we may be sure: God is always working against evil. He is opposed to evil in every form. So when the Son of God lived and toiled in Galilee, He too was battling against evil wherever He found it. One of the forms of evil is ignorance, error. Not knowing, or thinking that one's thoughts are true when they are not,—this is dangerous. So one of the great activities of Jesus was teaching, and he did not try to teach all alone. He trusted certain fishermen enough to send them out two by two, to teach people He would never live long enough to see. And in helping Jesus, the disciples were helping God.

Helping the hungry

Another form of evil is pain, and this has many forms, as we all know. When first chloroform was used to help women in childbirth, many preachers protested. It was not right, they said, to try to make child-bearing bearable. But ministers know better now. All of us are aware that much pain in the world cannot be cured. We know there are limits to what can be done. But when a Christian today sees a hungry child or a suffering man or woman, he dare not say to himself, as our ancestors might have said, "Too bad, but the pain and hunger are sent by God and we need not try to do anything to stop it." On the contrary, Christians are more alert now than they used to be, to the claims of the suffering and the hungry and homeless. Every person you can help, in fact, is a living invitation from God, to be His helper in bringing good to pass in the place of evil.

This is a real world

Sometimes we long for an easier world to live in. What we want, we think, is a sort of fairy-tale world. In the old stories, which perhaps you read when you were young, you remember there often was a Fairy Godmother. When she arrived, she took over. All you did was sit back, watch her wave her magic wand, and enjoy what she conjured up out of the moonlight and spider webs. Why doesn't God do like that? is our complaint. He doesn't do like that because He is real and not a make-believe fairy. He doesn't do like that because He wants children, not dolls; sons and daughters, not robots. He doesn't do like that because He wanted a universe in which He would have helpers. On the hills of Galilee Jesus fed the great multitude with bread. No one then knew how He did it; but they knew how that bread got from Jesus to the hungry crowds; the disciples carried it. Jesus did what they could not do; He did not do what they could do. God is like that. All over the world the battle goes on, good against evil, comfort against pain, health against disease, truth against falsehood, wisdom against folly. It's God's fight; are you in it?

(Based on outlines copyrighted by the Division of Christian Education, National Council of the Churches of Christ in the U. S. A. Released by Community Press Service.)

Now Is The Time . . .

BY MAX SMITH

MAX M. SMITH

To Protect Machinery

All kinds of farm machinery should be protected from the weather in order to prevent rust, working parts should be greased in order to keep rust away from these wearing areas. Even machinery that is stored should be checked for broken or worn parts that need replacing; your farm machinery service man will be able to give you quicker service now — not the day you want to use it.

To Buy Quality Seeds

Spring is approaching rapidly and all farmers and gardners will be anxious to start working the soil. Many seed purchases will be made in the next few months and growers are urged to demand quality, purity, and certified seed if possible in order to get what you want. Unknown varieties and unknown sources of seed present an unknown result.

To Prune Trees

February and March are fine times to prune most shade and fruit trees When the tree is dormant the sap is still down and less loss of nutrients will result; without leaves the shape of shade trees is easier to determine. Thinning of both fruit and shade trees is a good practice to permit the entrance of more sunshine to the fruit

To Plan For Erosion Control

Some local farmers continue to be reluctant to accept strip farming or contour strips as a means of holding water and topsoil. The spring of the year is one of the good times to establish strips in sod ground or in stalk ground. On sloping or hilly ground greater crop yields will be obtained when both water and soil fertility are kept

● Egg Promotion

(Continued from Page 1)

operating plants at least twice a month under the quality-control program The program is a benefit to both the consumer and the marketer, he said, but more consumer education is needed to make the housewife more quality conscious

Shober Zerbe, area representative for the feed company announced that his firm is planning to air three short films on quality eggs over six television stations beginning February 9 The films will be shown a total of 143 times in the six cities

Zerbe said there are fewer laying hens on Pennsylvania farms now than at any time since 1940 Per capita consumption is down, but people are becoming more quality conscious He pointed out that there are 50 million people living in the area from Long Island to the Carolinas, and most of their eggs could be produced in Pennsylvania.

The purpose of the programs is two fold — to increase per capita consumption and to sell certified (quality) eggs, he said.

Lancaster Farming

Lancaster County's Own Farm Weekly

P. O. Box 1524
Lancaster, Penna.
P. O. Box 266 - Lititz, Pa.

Offices:
22 E. Main St.
Lititz, Pa.
Phone - Lancaster
EXpress 4-3047 or
Lititz MA 6-2191

Jack Owen, Editor
Robert G. Campbell,
Advertising Director

Established November 4, 1955. Published every Saturday by Lancaster-Farming, Lititz, Pa.

Entered as 2nd class matter at Lititz, Pa. under Act of Mar. 8, 1879.

● Egg Washing

(continued from page 1)

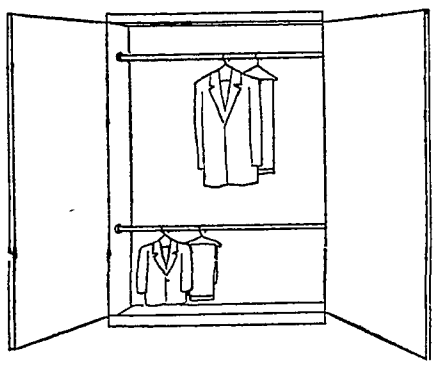
washed on the farm. "I was really surprised," Thome said "We took some dirty eggs over and ran them through. They really came out clean."

Top price for his eggs was just about the same as it was before he changed processors, but the overall grade was a little better with the plant washing.

I don't know if the difference in average price will pay for the half cent a dozen it costs for washing or not I probably won't have any more money for the eggs at the end of the year, but if I can make use of the time I save, it will be a real economy, Thome said.

I will know better in a couple more weeks, just how much it (in-plant washing) is worth, he said, but added he would not like to go back to washing his eggs on the farm.

In many large families, mother spends many more hours than necessary just "picking up" after youngsters who are too young or too careless about their clothing.



Youngsters have the excuse that they are unable to "hang up" their clothes without standing on a chair. If your closet has a high ceiling, this problem can be eliminated by installing a lower hanging rod at a level easily reached by younger children.

In a community wardrobe, for instance, older children may hang their garments on the upper rod, leaving the lower rod for the small fry.

Small fry like to be able to do "grown up" things for themselves, and they like to have something of their very own, even a place to keep their own clothing.

And, as every housekeeper knows, proper training now mean easier workdays ahead for mother.

Overheating Of Tractor Causes Outlined

Most tractor owners don't normally consider overheating a problem in tractor operation; they are usually concerned with underheating.

However, engineers from a national spark plug company advise that overheating, evidenced by repaid boiling away of the cooling water, poor engine performance in the form of powder loss or knocking, also can result in serious damage to the tractor engine.

The engineers advise that the spark plugs in your tractor also can provide a good clue to this condition, inasmuch as continual overheating will be indicated by severe burning or blistering on the firing ends of the porcelain insulator.

Following is a list of some of the more common culprits that contribute to overheating. 1. Use of inferior fuel, 2. Faulty water pump; 3. Lime deposits in the cooling system; 4 .Defective hose connections; 5. Improper timing to a weak magneto, 6. Pulling too heavy a load, 7. Hot weather operation with lower part of the radiator covered, 8 Plugged radiator fins; 9. Loose or badly worn fan belts, 10 Too lean a fuel mixture, 11. Dirty radiator.

Poison Alert

Parents have the responsibility of keeping poisons locked up and out of reach of young children, believes Mrs Marguerite L. Duvall, Penn State family life extension especialist Accidental poisonings are increasing because of more and more potentially poisonous household products on the market Preschool children are the greatest victims since it's natural for young children to put everything they find in their mouths

Farm Women Favor More Jr. Colleges

Farm Women Societies in this area are giving approval to a set of resolutions drawn up by the State Society and sent to the Governor of Pennsylvania and the members of the legislature.

The resolutions cover education, drunken driving penalties and conservation

The organization favors more junior colleges in order to help more students of promising ability to continue in the education field It calls for more severe penalities for driving while under the influence of liquor The resolutions also ask that all junk car lots along the highways be removed on the grounds they are "eyesores to the natural beauty of our state"

The group also pointed out that spray material is being used to control weed and shrubbery along the highways, and asked that extreme care be used to save wild flowers and that the growth killed by spraying be removed

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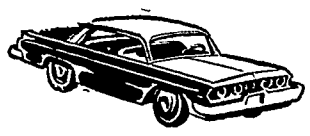

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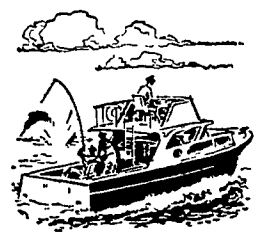

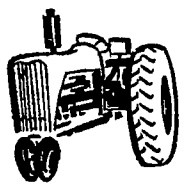

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Corn Borers Fewer In 1962

Fewer European corn borers infested major corn-producing areas of the United States in 1962 than in 1961, the U S Department of Agriculture reports.

Surveys conducted by entomologists of the USDA's Agricultural Research Service and 16 cooperating States in the fall of 1962 showed an average of 71 borers per 100 corn plants. In 1961, the average was 78 borers per 100 plants.

ARS entomologists attribute this decrease to a combination of the increased use of resistant hybrids of corn, an increase in the number of parasites of the European corn borer, and weather conditions unfavorable to the borers' survival and development.

These surveys are made each fall to estimate the average number of live corn borer larvae bedded away in dead cornstalks.

Borer numbers decreased sharply in Eastern States surveyed. The average in these States — Delaware, Maryland, and Pennsylvania — was 55 borers per 100 stalks in 1962. The average in 1961 was 183.

However, borers increased in the North-Central States, the average number rising from 51 in 1961 to 80 per 100 stalks in 1962 Nebraska had the biggest increase, going from 56 borers per 100 plants in 1961 to 201 in 1962. Illinois and South Dakota also had increases over 1961.

● County FFA

(Continued from Page 1)

seed grains from 53 counties since 1958 and found that about 60 percent were "loaded with weed seed".

"I would hazard a guess that this county would be better than that, but we thought the same thing about Centre County since the university is there, but it was just as bad as most and worse than some of the other counties", Bryner said

Our survey showed some startling facts, he said Approximately 60 per cent of the seed oats planted in one good agriculture county was unfit for planting because of weed content.

To those who thought the survey painted the picture too black, Bryner explained that the sample might be biased, but if so, it would be biased toward the better farms Most of the sampes came from what were considered the better farms by county agricultural agents and vocational agriculture students The situation is probably worse than the survey indicates, he explained.

CERTIFIED SEED

Certified seed had the highest average quality, but even here some samples were unfit for planting. Next in quality rating were the non-certified seed purchased from dealers

The poorest quality seed in every survey conducted was that purchased from a neighbor. Bryner said apparently farmers did a pretty good job of cleaning their own seed or having it cleaned at a mill, but many of them purchased a crop of weeds from their neighbors. According to the survey in one county, 26 per cent of the oats grown were planted without cleaning. Farmers planting farm-grown seed of his own or neighbors should clean it or have it cleaned thoroughly — even to the extent of cleaning twice. It is all right to plant home grown seeds, but you don't want to plant home grown weeds, he said.

The boys will be asked to bring in a full quart of seed oats or a heaping cupfull of clover or timothy seed for the analysis The farmer will receive a report on the amount of pure seed, crop seed, inert matter, weed seed, and the bushel weight of the sample In addition the report will include the percent of gemination and hard seed The weed seed count will be broken down into kinds, number per pound, noxious weeds found and prohibited weed seed found

Bryner asked that the samples be sent in by the middle of February so that analysis could be made before oats planting season.

Any farmer in the county wishing to participate in the survew may do so by contacting any students of vocational agriculture, their teachers or the county agent's office.

"The purpose of the survey is not to sell certified seed," Bryner said, "but to try to get farmers to use high quality seed whether it is purchased or home grown."

TAKING ON THE APPEARANCE OF A SMALL village or an army camp, the "egg factory" of Eggs, Incorporated at Rheems, is scheduled for completion sometime this summer. Three of the 12,000 layer houses are filled with birds and the fourth unit is almost complete. Construction of the egg processing building in the left foreground is going on at present. Bulk feed bins at the side of each building gives the complex a distinctive look. All the buildings are windowless with light and ventilation being supplied electrically. L. F. Photo.

● Eggs Incorporated

(Continued from Page 1)

year round basis The pullets will be placed in the cages at approximately 12 weeks and will remain there for 15 months of lay.

A seventh building in the complex, which is taking on the appearance of a small village, will house processing equipment including refrigeration, washing, candling, grading, and cartonning facilities. At present the eggs are gathered twice daily and washed in a temporary set-up They are picked up daily by a processor. When the plant is in full operation, the eggs will go directly to large retail outlets.

We have one man to each house of 12,000 now, because there are a lot of little details to be worked out, Wenger said but when all the houses are full one man, and a lady assistant to help gather the eggs, will take care of two houses.

Eggs will be gathered twice a day on filler flats and put on skids which will be taken directly to the processing unit. The eggs will be processed im-

(Continued on Page 7)

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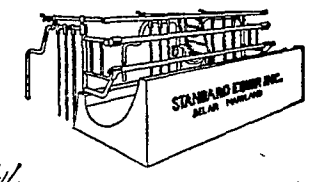

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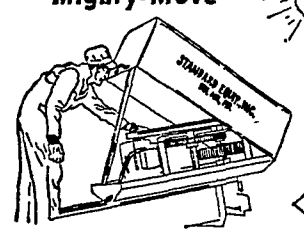

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Complete automatic feeding for DAIRY COWS and CATTLE!

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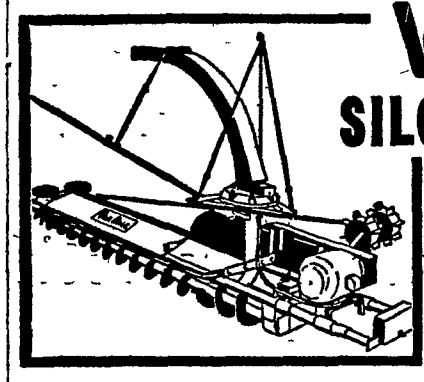

Double augers deliver more silage per minute even when silage is deeply frozen . . . and at a lower operating cost. Patented V-paddle impellers *throw* . . . not blow . . . silage down chute. Adjustable drive hubs give positive traction in all types of silage.

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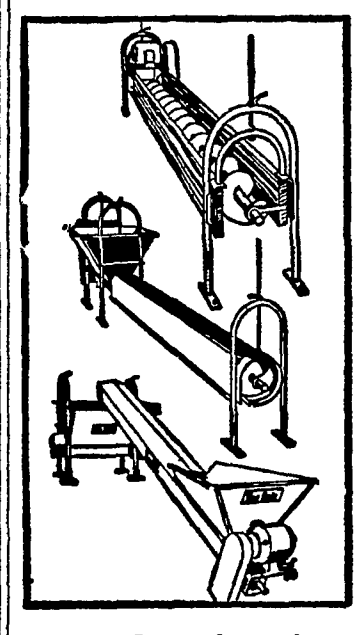
Plus a complete line of bunk feeders to meet your exact needs



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CALEB M. WENGER

R. D. 1 Drumore Center KI 8-2116 Quarryville, Pa.

● Eggs Incorporated

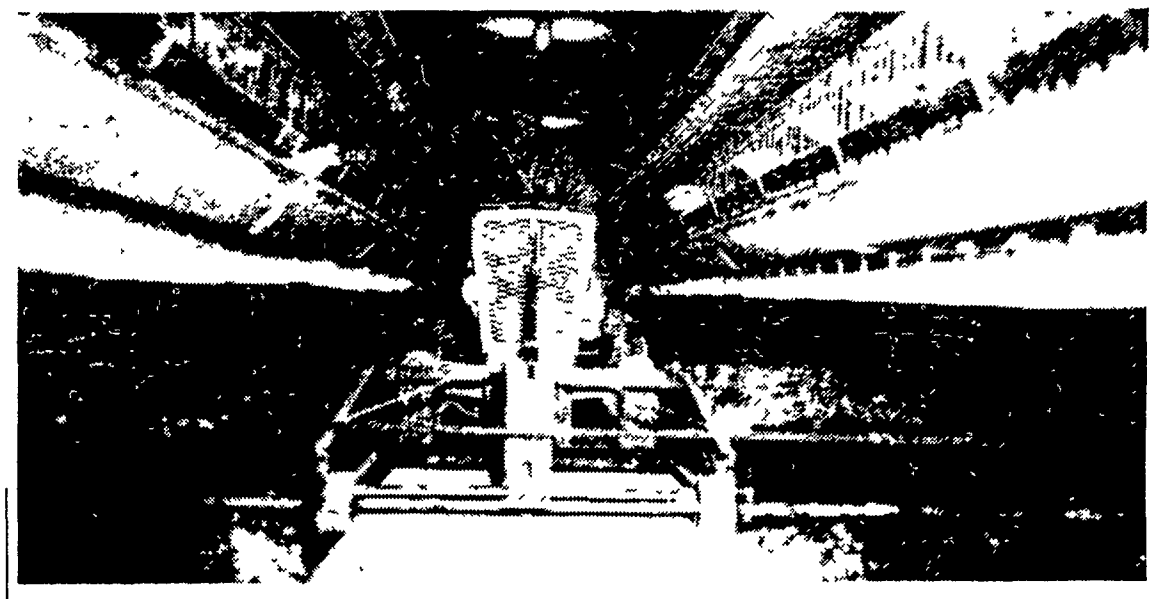
(Continued from Page 6)

mediately and will be ready for the consumer within 48 hours from the time they are laid.

Chores in the six 32 feet x 268 feet houses will be nearly automatic. Feed will be delivered to the houses in bulk and a motorized cart fills the troughs on the double decker cages faster than a man can walk. Fresh water flows in front of the cages at all times, and temperature and ventilation in the windowless houses is controlled by six thermostatically controlled fans.

Every six weeks, a small tractor with a double blade scrapes manure from under the cages to a center cutter where a paddle system takes it to a manure spreader outside the house.

But, while efficiency will be the watchword, Uniformity of product will be the goal We want to put out a dozen of eggs that are all alike, Wenger said If a housewife breaks two eggs in a pan and one has a dark yolk and the other a light yolk, she thinks something is wrong They may both be good eggs, but she thinks one is not good — she might not know which one, but she thinks one is wrong.



CLEANING MANURE FROM UNDER the cages at Eggs, Incorporated is mechanized. The small tractor equipped with a double blade pushes the droppings to a gutter in the center of the house where a paddle conveyer takes it to the manure spreader outside. Lights in the windowless, fully insulated house keep the caged layers producing clean eggs on a round-the-clock schedule. Here Charles Goodling sits on the tractor which follows the edges of the pit without steering. The small wheels at the front of the scraper keep the machine on the walkway.
L. F. Photo.

If we can put out a uniform pack of high quality, and market it as a Pennsylvania egg, the consumer is soon going to start asking for Pennsylvania eggs in preference to imported eggs Wenger said. He believes the best way to produce a uniform product is to keep the entire program under the same management plan At present, the only phase of the program not under his direct control is the pullet rearing program He contracts with farmers to brood the chicks and grow them to 12 weeks, but after the laying units are complete he plans to add brooding and chick rearing facilities on another section of the farm.

When this is done, Eggs, Inc will handle the production of high quality eggs all the way from the hatchery to the retailer's shelves Wenger believes Pennsylvania farmers can produce all the eggs used by the housewives in the state.

It pays to buy from Reist

9 ALFALFAS to choose from

10 CLOVERS to choose from

INOCULATED BEFORE DELIVERY - FREE

REIST SEED COMPANY

Mount Joy, Pa.

Farm Prices Are Lower For Month

Prices received by Commonwealth farmers at mid-January for their agricultural products were down 1 percent from a month earlier, but nearly 4 percent above a year ago, according to the Pennsylvania Crop Reporting Service

Primarily responsible for the seasonal decline in the price index was a 15 cent per cwt. drop in wholesale milk price. Cattle prices and hog prices also declined during January.

Partially offsetting these lower prices for the month were higher prices of all field crops Alfalfa hay price at $45.00 per ton, was the highest on record and showed a $2 00 increase from December. Potato prices showed a 15 cent per cwt gain over December, while poultry and egg prices remained steady.

The Index of Prices Received, which is a measure of the trend and changes of prices received by farmers, was 231 percent of the 1910-14 — 100 base This compared with 233 a month earlier and 223 a year earlier

During the month ended January 15, the Index of Prices Received by Farmers over the nation lose nearly 1 percent to 244 percent of its 1910-14 average Generally higher prices for vegetables and oranges, following freeze damage in important producing areas, were primarily responsible. Seasonally lower prices for wholesale milk and cotton were partially offsetting.

The January index was nearly 1 percent above a year earlier The Index of Prices Paid by Farmers for Commodities and Services including Interest, Taxes, and Farm Wage Rates lose nearly 1 percent from the revised December index of 309 to 311 on January 15. This was a new high.

Tomorrow's Poultry Profits

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Start Your Chicks on EBY'S PRE-CHICK STARTER

Start your chicks by feeding ½ lb. of Eby's Pre-Chick Starter per chick, for a fast start and less mortality.

The extra food power; higher protein; high vitamin and antibiotics fortification will save extra chicks to start on the right road to tomorrow's egg profits.

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Social Security For Farmers Is Explained

M. S. Gleaton, Social Security District Manager in Lancaster, today reminded farmers who operate farms on a calendar year basis that their social security self-employment returns must be filed and the tax paid by April 15th. However, Gleaton pointed out that self-employed farmers who are required to file estimated tax returns and have not done so by January 15, 1963, must file the final return and pay the social security tax by February 15, 1963.

Gleaton explained that farmers and farm operators file their returns on Form 1040 and 1040F. Form 1040 is the general tax report form used by city and farm people alike Form 1040F, the second form, is especially for farmers But both must be completed and filed by self-employed farmers.

Unlike other self-employed persons, self-employed farmers have certain options in reporting their earnings. These options are

(1) If gross farm income is more than $1800 and the net earnings are $1200 or more, then the actual amount of net earnings must be reported.

(2) If gross farm income amounts to $1800 or less, then the act ul net farm earnings two-thirds of the gross farm income may be counted as net farm earnings.

(3) If gross farm income is more than $1800 and the net is less than $1200, count as the net earnings either the actual net farm earnings or $1200.

The optional method, based on gross farm income, is used only in figuring self-employment tax and applies only to farm income. Where the optional method of reporting applies, individuals who prefer to report actual net income will receive credit for social security purposes if the net amount is $400 or more.

Gleaton further stated that detailed questions about filing the return and payment of the tax should be directed to the nearest office of the District Director of Internal Revenue. However, for further information about the social security old-age, survivors, and disability insurance benefits, get in touch with your local Social Security District Office which is located at 237 W. Chestnut St., or phone 393-5861.

Trail Riders' Board To Meet

The board of governors of the Pennsy Trail Riders will meet Wednesday, February 13, at the clubhouse All members of the board and any club member wishing to aid the horse show committee are urged to attend.

The Elizabethtown horse show will be held Sunday, May 12, with June 2 set as the rain date.

Nominations for officers were scheduled to be opened at a meeting last night, and officers will be elected at a later meeting and installed at the birthday party in March.

The meeting which was to have been held on January 23 was cancelled due to the snow This meeting, which would have been the 101st, was the first meeting in the club's history to be cancelled due to bad weather.

Local Mill Expansion Nears Completion

Another phase of the modernization program at Eby's Mill, Lititz, was completed this week, according to Joel Habecker, partner in the firm.

The new addition will feature completely automatic handling of bulk feed from railroad hopper cars, through mixing and grinding to bulk truck for delivery to the farm.

The modernization will increase the storage capacity for protein ingredients at the mill by 100 tons. The out bins for bulk truck loading will have a capacity of 96 tons.

Materials can now be handled in bulk through the complete milling and delivery process.

The firm also owns and operates Hemptield Mills, East Petersburg.

License Plates To Be Retained

Harrisburg, Jan. — The State Department of Revenue has announced the life of Pennsylvania's license plate will be extended.

Upon the basis of information the Department of Revenus has acquired through spot checks of the present semi-permanent license plate, the life of the plate is being extended at least one more year.

The condition of the plates has exceeded expectations, and it is now clearly evident that in the interest of economy the tags will survive several more years of use. Substitution of the small pressure-sensitive renewal sticker for the yearly license plate has contributed to an annual savings of approximately $1,000,000.

The semi-permanent plate was inaugurated in 1958 with expectation of effecting a 5-year savings of $1,363,000.

However, the program has resulted in a savings of approximately $1,000,000 each year. Since Pennsylvania instituted the system, a number of other states have adopted similar programs.

Feed The Birds

If you'd like to have some fun, and do a good deed at the same time, Robert G. Wingard, extension wildlife management specialist at Penn State, suggests feeding the birds during the winter months. A copy of Leaflet 174, titled "Songbird Feeders Are Fun" can be obtained from any county agricultural agent. It tells how to contruct simple bird feeding stations that will be a pleasure to you, and a lifesaver to the birds who spend the winter with us.

SAVE with our WINTER DISCOUNT

Winter Discount Fertilizer Will Not Be Delivered Until February

Contact Us For Prices and More Information

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Cattle-Izer Dairy Feed

Almost four years of testing and development at the Ful-O-Pep Research Farm show that new Catalyzer Dairy Feed increases energy production in the rumen by as much as 20% over regular Super Milking Feed—*and an average of 10% more milk after just 4 weeks on feed.*

Ful-O-Pep Catalyzer Dairy Feed contains only natural feed ingredients; you feed it as you would feed any ration, along with your regular roughage.

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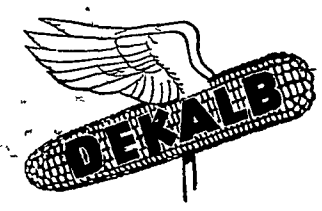
DeKalb 640 Can Take It When The GOING Is ROUGH



DeKalb 640 in dry 1962 won 8 of the top 12 places in the Lancaster County Pennsylvania Corn Club.

640 is tops for Lancaster County — It yields, it stands, it takes thick planting.

"DEKALB" is a Brand Name. The Number is a Variety Designation.

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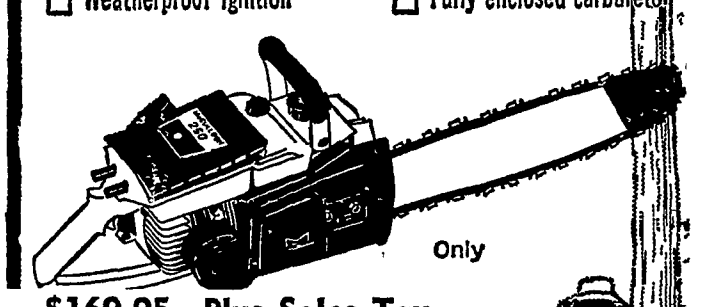

Only $169.95 Plus Sales Tax

The 250 offers features never before available on a saw in its price range. When you shop for a new saw use this check list and make sure you get your money's worth!

For a limited time with the purchase of a new McCulloch 250, you may purchase a $22.13 retail value chain maintenance kit for only $4.95 (suggested special price). This Mac-Pac includes the world-famous Nygran File N' Joint, McCulloch Bar Guard, Depth Gauge Tool, and 2 McCulloch Files — for precision chain sharpening and protection.

LANDIS BROS., INC.

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McCULLOCH CHAIN SAWS

Tractor Care In The Winter

Much of the repair work required on tractors can be avoided or lessened by a few minor precautions, say agriculture engineers Here are a few tips that could save the tractor owner some large repair bills

Any major repair work had better be left to the garage mechanics, the engineers say, but minor repairs and maintenance chores can keep the tractor out of the garage and on the job more of the time.

MAGNETO MAINTENANCE

If you have a tractor equipped with a removable distributor, better be sure you remove the distributor occasionally, clean it with a kerosene dampened cloth and wipe it dry with a clean cloth.

According to the engineers, keeping the magneto clean and the points adjusted are important to correct functioning of the unit

Magneto points wear in service and generally require regapping or replacement after 200 to 300 hours of operation

If not too badly burned, the points can be smoothed with a special point file or honed after they are removed from the distributor Incidentally, if you do find the points ready for replacement better let a qualified mechanic install them.

COVER EXHAUST STACK

Are you remembering to cover the exhaust stack on your tractor when it stands out in the elements?

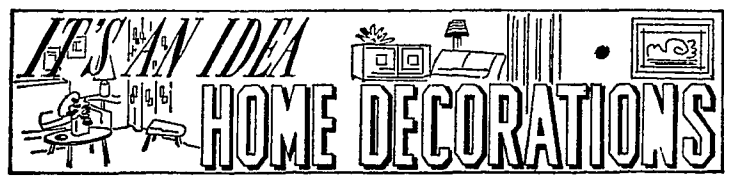
Better keep in mind that leaving the stack uncovered may allow moisture to enter the engine through the valve, causing valve stem corrosion which can result in sticky valves

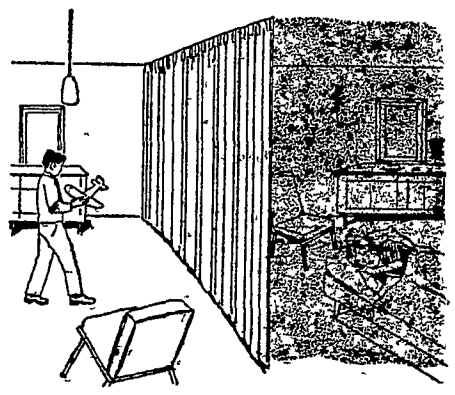
A tin can will do the job adequately and it may save you extensive engine repairs.

COVER SPARK PLUG HOLES

If you are doing any work on a farm engine this winter, be sure and remember to cover the spark plug holes and the intake opening if you should happen to have the spark plugs or carburetor removed while performing your repair operations.

Dirt or foreign objects dropping into the engine through these openings can cost you a lot of trouble and money.





Two boys who share room want privacy. Wire stretched across center of room separates each boy's "side." School pennants, attached by rings, provides a decorative touch. Sliding curtain gives each boy privacy.

Wire is attached to each side of the room in a manner that permits removal at any time.

Source of irritation among roommates is that one wants to go to sleep while the other has to study or wants to read. Curtain fitted with rings may be slipped on wire and stretched across room to provide semi-privacy for either side of the room.

Boys will be happier if they are permitted to select material from which curtain is to be made.

Hort Ass'n To Hold Meet In York Co.

YORK — Three grower panels, one of them dealing with apple varieties, will feature the program for the annual meeting of the Pennsylvania State Horticultural Association Feb 4-6 at Hotel Yorktowne, York.

State Secretary of Agriculture Leland H Bull will officiate at the coronation of the state's new Apple Blossom Queen. Wheeler McMillen, vice president of Farm Journal, Philadelphia, will be banquet speaker.

Three orchardists will reveal their preferences in a discussion the first morning of apple varieties they are planting. At a small fruits meeting the next morning, four strawberry growers will describe some of the innovations that have paid off in their berry patches. Their topics will be Plastic mulches, Do-it-yourself harvest, Irrigation for frost contral, Testing varieties. John Brenneman, Lancaster, will discuss the last topic.

Orchard irrigation will be the theme of another panel presentation the final morning. Irrigation will be discussed by two Pennsylvania State agricultural engineers Frank Peikert will talk on amounts of water needed and times for its application N Henry Wooding will deal with water rights in Pennsylvania.

William M Lott, Gardners, president, said new officers will be named at the final session, February 6 .

Mastitis Control Tips Given

When Mastitis attacks a herd of dairy cows, the results are almost always the same — reduced milk yields and lower dairy profits.

Mastitis is a complicated disease that involves improper dairy husbandry as well as the introduction of infectious agents, veterinarians say.

The dairy farm operator can help keep the infection away, however, by trying to avoid udder damage through proper milking, providing good-sized, well-bedded stalls, and seeing that floors and stalls are kept as clean as possible at all times.

If, in spite of these precautions, symptoms of Mastitis appear, here are some points to remember to control and eliminate the disease before it spreads

— See that infected cows are milked last

— Wash and disinfect udder, teats and teat cup before applying machines.

— Infected quarters should be milked several times daily into a bucket or pail containing a strong disinfectant.

Consult your Veterinarian for the proper use of antibiotics or other agents in the treatment of the infection.

Mr. Poultryman

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Let Eastern States show you how! With a Farm Designed Ventilation and Insulation Program, we can guarantee you'll have DRY LITTER plus:

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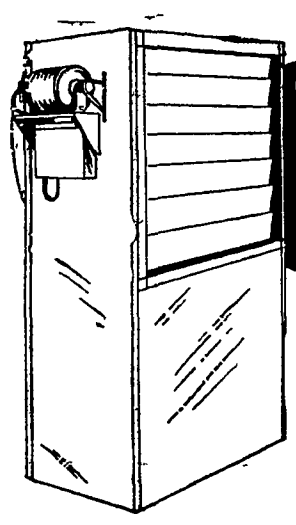

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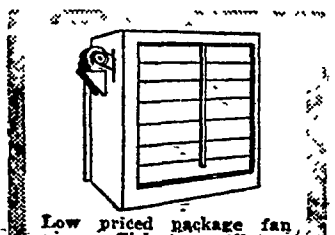
This new Vent-O-Matic system actually *conditions* dairy barn air—circulates and changes air, controls humidity at all times—*automatically.*

It will pay big dividends in healthier herds and increased milk production, for you to investigate this revolutionary new dairy air conditioning system. *Check up on its unique advantages today!*



Low priced package fan gives efficient ventilation—moves maximum amount of air at lowest possible operating cost.

Installation Advice is measured to meet your needs

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STANDARD EQUIPMENT'S BIG GOLDEN SPRING DISCOUNT

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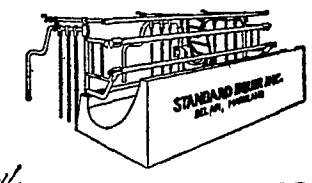
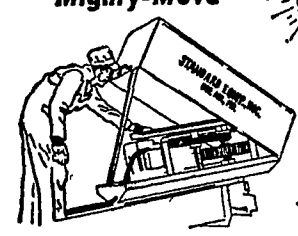


COMFORT STALLS

STANDARD'S "Mighty-Move"



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Provides Pasture Comfort
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We deliver anywhere.

We are now receiving a new crop of very clean peanut hull. Save money by picking up at our warehouse.

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Distributor For
Shredded Pine bark for Mulching
Evergreens, roses, etc.

BEST FOOD BUYS

Weather Still Pushing Prices

Food bils and fuel bills have had one thing in common this winter in the aftermath of shattering cold weather records — both are higher Many fresh produce items will be wearing higher price tags this week, too, reports Tom Piper, Penn State Extension Marketing Agent Crop-destroying weather has hit just about every major growing area in the country this season; the result has been shorter supplies and higher prices on many food items

More encouraging to the foodshopper is the fact that most major meat items are currently in plentiful supply Wholesale costs are slightly lower on beef, pork and fryers. This condition gives the retailers a larger selection of feature items. Indications are that retailers have a supply back-up of some beef roasts, interest in beef has been lacking in recent weeks.

Eggs are holding their better buy position as production ribs and steaks as consumer increases. Although prices have been a bit higher than a year ago, they're expected to decline some in the weeks ahead. Many stores have already reduced prices.

Repeated freezing weather in most winter production areas continues to curtail supplies of fresh produce. Yet, it's surprising to note just how much volume is moving from these states. This is a good time to compare prices of fresh produce with canned and frozen goods. In grocery lines, canned red tart cherries and peanut butter are added to an already heavy supply of items that includes corn, tomato products, fruit cocktail, peaches, tuna fish and sardines.

Apples, pears and bananas are reasonably priced fresh fruits. The Florida orange crop is expected to show further reductions in the next USDA estimate of crop size. Damage is showing up heavier than expected. California has also had severe losses on Navel oranges in the Central Valley.

Even though supplies of fresh produce may be limited, our marvelous U. S. production and distribution system assures us of plenty to eat without any radical effect on prices.

Farm Calendar

(Continued from Page 1)

of High School. Township supervisors and planning commission will discuss township planning.

7 30 p m — Central 4-H tractor club meets at the shop of Arthur Young, Kinzers

Feb 13 — 7.30 p m — County 4-H Guernsey club meets in the Production Credit building, Roseville Road, Lancaster

Feb. 14 — 10 a m — 3 p m — Extension service farm and home planning session in the Morgantown fire hall Chester, Berks and Lancaster Counties will participate

7 30 p m — Joint FFA-FHA Valentine party in the Penn Manor High School

8 p m — Solanco Young Farmers meet in the Solanco High School, Quarryville Roger Emig, SPABC. will discuss animal breeding.

Feb 15 and 16 — 8 p m — County 4-H play at the Hempfield High School.

Thrifty Cuts Of Meat

Numerous thrifty cuts of meat have the same kind of good flavor and nutrition as the more expensive cuts. This is good news if you've decided that you need to trim the food budget a bit. In beef, there are chuck steaks, brisket, ox joints, stew meat, short ribs, pot roasts, and ground beef.

Shoulder roasts from lamb and veal and stew meat are some of the lower-priced cuts from these young animals.

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35 years of Silo Building experience

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This Spring's garden does come in cans...paint cans. Eastern States makes it easy for you to paint now and plant later. With every two gallon purchase of Eastern States Interior Paint get a FREE certificate worth $1.00 on the purchase of flowers, plants, grass seed etc. Offer good 'til March 16th only. Hurry, get the facts at

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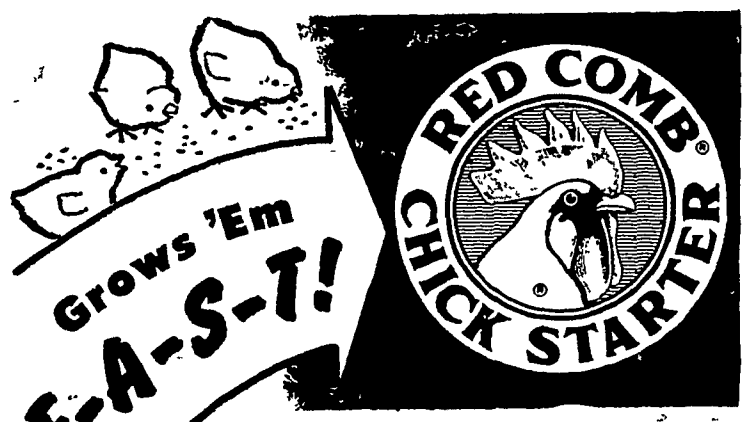

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Get your chicks off to a fast start and sturdy growth that means more profits later by feeding RED COMB CHICK STARTER. Highly palatable, nutritionally correct and uniform in quality, RED COMB CHICK STARTER is your best buy for *Quality Results at Low Cost.*

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Seminar I
MINIMUM TILLAGE

Tear Out and Save This Listing

CITY	STATION	CHANNEL	TIME, DAY AND DATE
Harrisburg, Pa.	WTPA-TV	27	1:30-2 00 PM Saturday, February 9
Lancaster, Pa.	WGAL-TV	8	7:00-7:30 AM Saturday, February 9

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Cameron Leghorns Are FIRST and ONLY

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They EARN MORE! They COST LESS!

CONSISTENCY PLUS — No wonder some of the finest hatcherymen all across the nation are switching to Cameron-bred layers for their customers. We of the Keener Poultry farm are happy to announce our associate Hatchery with the Cameron Breed Leghorn Layers.

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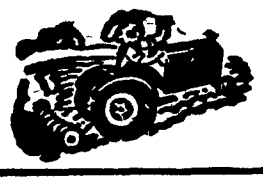

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2 used 200 gallon Girton stainless steel milk tanks. 1 - 270 gal. Wilson bulk tank. Stainless steel, good condition. Used milk coolers.

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Can find a good spot for a well: can measure the depth, and as a rule can make a good guess whether it will produce 2, 5, 10, 20, or 40 gal. per min. Contact David B. Fisher, Christiana R1, Box 118, 1½ mi. east of Kirkwood.

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House Keeper Wanted — Spring Garden Twp, York. Family needs capable and experienced housekeeper, good wages, must live in. Nice family environment. Good with children. Phone York 2-5951 or write Box B, % Lancaster Farming, P. O. Box 1524, Lancaster, Pa.

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Help Wanted — Make extra money for yourself Sell your neighbors, relatives and friends — pound and packet vegetable seed Write for our plan G R. Drumm, R. D. 2, Denver, Pa.

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For Sale — 500 Hyline Pullets ready to lay and they had all vaccinations. Phone 665-5470.

For Sale — John Deere wire tie pick-up baler with motor. 1956 Olds two door. 1950 Dodge Truck, T-License. C. Roy Bixler, R D. 1, Marietta, Ph: 426-4539

For Sale — German Shepherd male pup, five weeks old with papers. Will sell reasonable Daniel H. Martin, Stevens R. D. 1, Pa., at Red Run.

For Sale — 1-2-16 mounted Allis Chalmers plow. ¼ mile South of Talmage. Aaron N. Hoover, R D 1, Bareville, Pa.

Wanted — 7 h.p. gasoline engine Also for sale Magazine type stove and Gilson compost chopper. Ronald Gordley, Lititz R3, Pa, Ph 626-5187.

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USE
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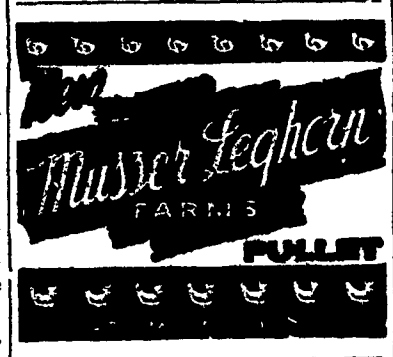

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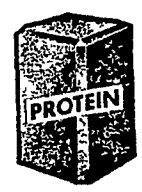

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Four Countians On Cover Of Nat'l Magazine

Three Future Farmers of America and a farmer from the Millersville area appeared on the cover of a national magazine recently.

The FFA members, all 1962 graduates of Penn Manor High School, who appeared on the February-March issue of the National Future Farmer Magazine are James Benedict, Nelson Habecker and Kenneth Shertzer

They are shown in the farm shop with John Sangrey, Conestoga R2 Both Shertzer and Habecker are now farming in partnerships with their fathers on the home farm Benedict is employed by the Southeastern Pennsylvania Artificial Breeders Cooperative

Two Cows Have High Record

Two registered Holstein cows owned by H. E and Maybelle Kettering, Lititz, are prominently mentioned in an official production testing report received from Holstein-Friesian Association of America headquarters at Brattleboro, Vt.

The cows are Reba Hillman Pietje, an eight-year-old, which produced 15,730 pounds of milk and 615 pounds of butterfat in 305 days, and Bankrose Korny a 12-year old, which had 15,230 pounds of milk and 537 pounds of butterfat in 304 days.

Suicide is the eighth largest cause of death among white males in the U. S

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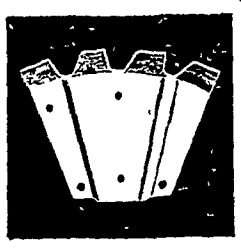

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Don't Learn The Hard Way!

Rough Weather and Poultry Troubles Go Hand in Hand.

EGG PRODUCERS . . .

The winter has been unusually severe. Production of many flocks has been affected by temperature, disease, or both.

WHAT ABOUT REVACCINATING YOUR LAYERS?

Even if you did give them a booster vaccination between Thanksgiving and Christmas, we feel that in most cases it will be to your advantage to revaccinate your layers and breeders.

NEWCASTLE especially has been unusually severe. Many outbreaks have occurred and it just DOES NOT PAY to take the chance that you'll get by.

WHAT ABOUT THE REACTION?

If you have no reaction you know your birds are immune and you'll sleep better.

If there is a reaction to the mild strains of vaccines we use, your birds were highly susceptible to the field strains and you should be glad you revaccinated before real trouble came along.

SPECIAL ATTENTION
during cold weather
HELPS
(in fact you'll be well paid for it)

KEEP ICE OUT OF THE FOUNTAINS, heat tapes are a big help here.

A LITTLE FRESH LITTER in piles in the pens will really make them scratch.

EARLY BIRD HI PRODUCER PELLETS #20. Use them to get that much needed additional feed into them at this time.

There are

LITTLE THINGS in Poultry Management that will help you get

BIG RETURNS from your flocks.

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Egg Competition From The South Still Increasing

The southern poultry industry was described recently as "a keen competitor for eastern poultry and egg markets since it is willing to meet changing demands." This statement was made by Anthony P. Stemberger, marketing researcher in the College of Agriculture, the Pennsylvania State University, in addressing a Harrisburg meeting of the Pennsylvania Poultry Federation.

"If present day poultry producers are not willing to change and serve a market, someone else with imagination and willingness to change will step in and take over," Dr Stemberger told the Federation.

The Agricultural Experiment Station researcher said total value of the poultry industry has doubled in the last 10 years in Georgia, North Carolina, Alabama, and Mississippi — the "big four" in the southern poultry industry. In contrast, total value of the Pennsylvania poultry industry declined about 33 percent in the same period, mostly in value of eggs and farm chickens.

Conditions in the late 1940's were ideal for expansion of the southern broiler industry, Stemberger pointed out. Farms were small and worn out from erosion and poor farming methods Lack of finances and know-how were overcome by contract arrangements Big profits led to rapid expansion.

There is very little so-called management by broiler growers, he reported Grown under contract, broilers are brooded under strict supervision by fieldmen who lay down all the work rules and see to it that they are practiced. In contrast, the egg industry is made up primarily of independent producers with flocks ranging in size from 2,000 to 70,000 laying hens.

Neppco Records Prove: It Pays To Feed HORNCO!

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Says Glenn & Ed Zech York County Penna.

265 Eggs per bird: 4.2 lb. Feed Conversion: 95.3% Liveability

HERE IS THE RECORD

* Period	% Lay	Eggs Per Bird	% Liv. B.	Feed Conv.	Feed Cost Per Doz.
1	18.4	5	99.8	15.8	55.4
2	83.1	23	99.7	4.0	13.7
3	86.7	24	97.4	3.8	13.1
4	83.9	23	99.0	3.9	13.2
5	81.5	23	98.7	3.4	11.9
6	77.7	22	98.5	4.3	15.7
7	78.1	22	98.2	3.3	11.7
8	76.3	21	97.9	3.8	13.3
9	73.5	21	97.4	3.8	14.1
10	68.5	19	97.0	4.3	16.0
11	65.3	18	96.4	4.3	15.4
12	63.3	18	95.9	4.6	16.9
13	59.8	17	95.5	4.9	17.9
14	57.0	7	95.3	4.2	15.1
** 377 Day Summary	70.3	265	95.3	4.2	13.5

*28 Days Per Period Except #14 - 14 Days

Mr. Glenn Zech gathering eggs from a pen of pullets. They keep 11,000 layers.

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PSU Schedules Ag. Open House

University Park, Pa. — Students and adults from all sections of Pennsylvania who are interested in the agricultural and biological sciences have been invited to attend the annual Open House program of the College of Agriculture at the Pennsylvania State University.

The program, which last year brought 2,000 visitors to the campus, is scheduled for Saturday, March 23, and, explains Dr Lyman E. Jackson, dean of the College of Agriculture, will feature exhibits, demonstrations, and lectures.

All laboratories, greenhouses, livestock barns, and other facilities of the College will be open to visitors from 9 a.m. to 4 p m.

Howard B Sprague, chairman of the division of plant sciences and chairman of arrangements, says the open house should have the added value of acquainting business and industry with research projects in the agricultural and biological sciences.

Guides will escort visitors to areas of interest.

Last year 20 busloads of students came with their biology and science teachers. Visitors attended from as far away as Duquesne on the west and Reading and Allentown on the east

Armstrong Co. Is 61st SCD

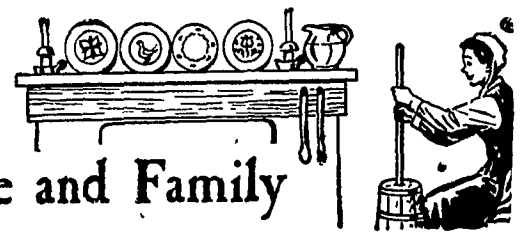
HARRISBURG — Armstrong County has become Pennsylvania's 61st soil conservation district. Only six counties remain without one of the resource development units.

Pennsylvania's soil district program, which started slowly, has increased by leaps and bounds since 1955. The districts provide technical services to landowners to develop land and water resources. They also sponsor watershed improvement projects and coordinate conservation agencies.

Blair, Cameron, Delaware, Forest, Luzerne and Philadelphia are the counties not yet organized.

Watch Sheep

A good shepherd will watch his sheep for wool blindness. Frank Kreuzberger, Penn State extension livestock specialist, suggests checking the flock, and using a few deft strokes with the hand shears to quickly remedy the problem of wool blindness or wool growing over the sheep's eyes.



For the Farm Wife and Family

The Staff Of Life

By Mrs. Richard C. Spence

What do you know about breads? We are led to believe that the "staff-of-life" may be one of our most misunderstood food products Here are some suggestions ranging from ways to keep bread fresh to methods of slicing bread extra thin.

1) It is not advisable to place a damp towel over tea sandwiches, to keep them fresh when made up hours ahead of serving time, because moisture spurs the growth of bacteria Refrigeration is a better way of holding the made-up sandwiches — slows bacterial growth but does not stop it For best results, sandwiches if wrapped with moisture-vapor-proof material can be refrigerated for several hours prior to serving

2) The best way for slicing bread extra thin to make dainty tea sandwiches is to wrap the bread in moisture-vapor-proof material and refrigerate until very cold or freeze Then slice You may purchase a special gadget that holds a slice of bread firm as you do the job.

3) Here are ways to heat bakery rolls, soft-crusted dinner or sweet rolls — Heat'em in a hurry atop the range Put two tablespoons water in the bottom of a large skillet Insert a trivet or wire rack, placing the rolls on it. For soft-crusted dinner rolls: Cover the skillet and place over low heat for eight minutes, or until rolls are hot For frosted sweet rolls Do NOT cover the skillet Place rolls on rack or trivet, then place skillet over medium heat for five minutes, or until rolls are hot The skillet method is the only satisfactory way of heating sweet rolls without melting the frosting Rolls can always be heated in a 300 degree oven in 15 to 20 minutes. Moisten the inside of a paper bag used to hold rolls If plastic wrapped, remove wrap before placing in bag.

4) To keep toast hot, arrange toast slices on a rack and place in a warm oven until served. Hot toast should never be stacked — unless you want to watch it wither Toast may be lightly wrapped in a napkin before serving. The cloth will absorb the steam from the toast and keep it crisp.

5) Toasting does not change the caloric value of bread It has the same caloric value as untoasted bread — 60 calories per one-half inch slice.

6) Bread does not have to be completely defrosted to be used for toast Just place pre-sliced bread in toaster, or defrost bread enough to slice and drop into toaster.

7) Do not be misled by low-caloried breads. The basic ingredients of bread, flour, sugar, salt, and small amount of fat cannot be varied greatly if a palatable product if made The average slice of bread is ½ inch thick and contains approximately 63 calories The average slice of most low calorie breads is less than ½ inch thick Naturally, the slice will contain fewer calories The bulk of the calories of bread comes from flour and the amount of flour in bread cannot be varied.

HOME BAKED BREADS

The essential ingredients are few — flour, liquid, yeast, salt and sugar, and they combine to make breads that contain a valuable quantity of vitamins, minerals, useful proteins.

FLOUR is the chief ingredient. Wheat is the only grain with proteins which produce gluten; this gives bread dough its elasticity and strength. Gluten stretches to form a mesh-like framework which holds tiny gas bubbles formed by yeast.

LIQUID is essential for formation of gluten in the flour. Either water, fresh milk, dry or evaporated milk can be used Water gives bread a hard crust, open texture and a wheaty flavor similar to the French breads Milk produces bread that is more tender, nutritious and flavorful; it keeps better and toasts more quickly

YEAST makes dough rise and gives bread its porous structure It is a tiny living organism that utilizes sugar for its growth and produces tiny leavening gas bubbles There are two types of yeast on the market — dry and compressed. Active dry yeast will stay fresh for several months stored on your shelf. Compressed yeast must be stored in the refrigerator not longer than a few weeks, it's good if it crumbles between the fingers when broken and has a fresh odor.

SALT gives flavor to bread and controls the action of the yeast It salt is not added to the dough, rising takes place too rapidly and the bread will be coarse. If too much salt is added, the rising is too slow and the bread will be compact and fine.

SUGAR provides food for the yeast It also adds flavor and is partly responsible for a golden brown crust.

SHORTENING is not necessary for bread However, it improves the flavor, makes bread more tender, causes better browning and adds nutritional value

EGGS give bread delicate texture and add flavor, color and richness.

METHODS OF MAKING HOME BAKED BREADS

STRAIGHT DOUGH All the ingredients are mixed together in one operation and the dough is kneaded. It has two or three

(Continued on Page 15)

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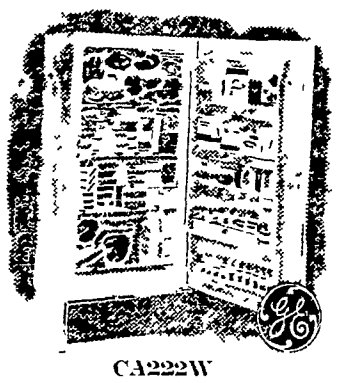

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For The Farm Wife

(Continued from Page 14)

risings before it is shaped for the pans.

SPONGE DOUGH: The dough is mixed in two operations. First, the yeast, liquid and part of the flour are mixed to a thick batter, which is set aside to rise until bubbly and light. The fat, sugar, salt and remainder of the flour are then added and the dough kneaded The dough needs two to three rising periods before being placed in pans.

NO-KNEAD DOUGH This method saves time and labor There is no kneading The dough is mixed and can be immediately shaped for the pans

BATTER Mixing is done in almost no time and no kneading is required After the ingredients are thoroughly beaten together, the dough is set aside to rise once. Then it is stirred down, turned into the pan and allowed to rise again before baking.

HOT ROLL MIX: The most modern development in home baking of-yeast-raised breads is the packaged hot roll mix. Only water needs to be added to the pre-measured ingredients. This dough can be used for all varieties of rolls, sweet rolls and breads.

MIXING

Mixing is a must for well-shaped loaves of bread. Yeast cells must be distributed evenly throughout the dough; thorough mixing accomplishes this.

Active dry yeast is softened in warm water, while lukewarm water is better for compressed yeast.

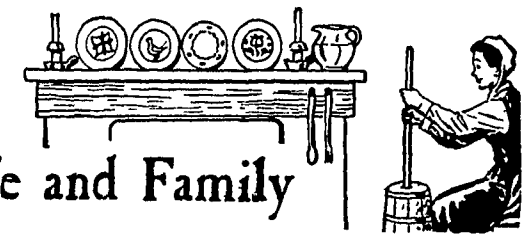
Milk is scalded to destroy undesirable bacteria and enzymes that may interfere with the growth of the yeast. It must be cooled to luke warm before being combined with softened yeast.

Sifting flour before measuring is done for a more accurate measurement of flour from bake to bake With bread recipes calling for a range of flour, it is not necessary to sift The important thing is to add the flour to the correct dough consistency Too heavy a dough will not rise properly while too soft a dough will be more coarse and open-textured.

KNEADING

Kneading blends the ingredients and stretches the gluten into a fine elastic framework, which will hold the gas bubbles produced by the yeast when making bread by the straight dough or sponge method. As kneading progresses the dough loses its stickiness and rough appearance It is sufficiently inv The dough is then rounded

(Continued on Page 16)



For the Farm Wife and Family

Ladies, Have You Heard? . . .

By: Jane Thurston, Extension Home Economist

About Storing Fresh Meat

THURSTON

Fresh meat is perishable and it needs proper storage You must store it in the refrigerator as soon as you get home from shopping

If fresh meats are wrapped in market paper, remove the paper asd cover the meat loosely with it or cover with waxed paper or aluminum foil Wrapping loosely allows air to circulate Store meat in the fresh food compartment or meat compartment of your refrigerator

If you must keep fresh meat longer than two or three days, and you have a freezer it's best to freeze the meat Separate chops, steaks, and ground meat patties with two layers of freezer paper, then wrap meat in moisture-vaporproof paper and freeze For the best flavor color, texture, and appearance, use fresh pork, veal, and ground beef within four months use lamb within seven months and beef within eight months.

Uses For Blanched Almonds

Toast slivered almonds and sprinkle over hot creamed dried beef that you serve in toast cups or on buttered toast

Sprinkle toaste. slivered almonds over cooked vegetables, such as green beans or peas, and you'll help perk up appetites.

Dice blanched almonds, toast, then stir into appe-

(Continued on Page 16)

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All prices will be Reduced for this big sale. Stock must be reduced by March 1.

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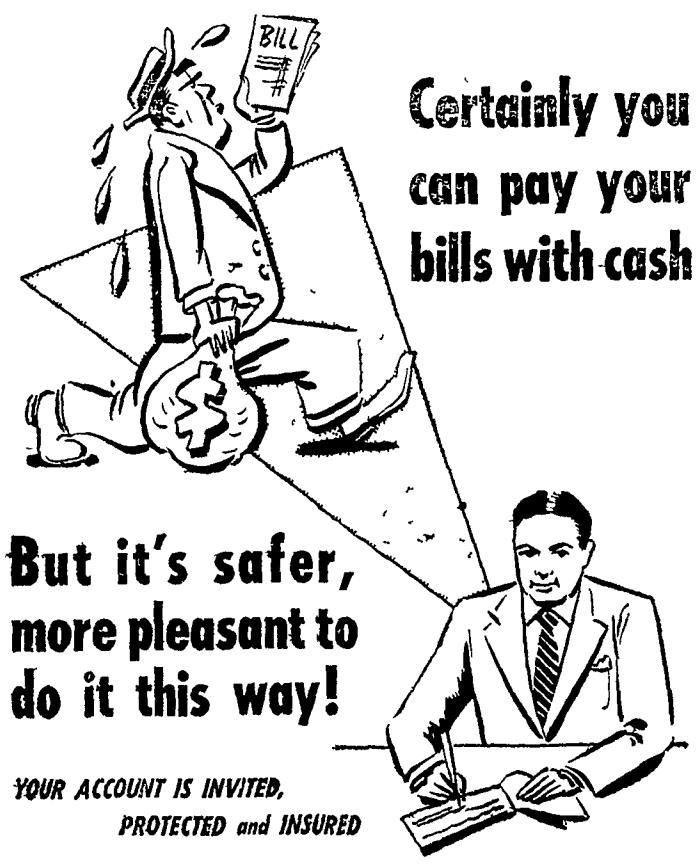
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Always See Better

● Have You Heard?

(Continued from Page 15)

sauce. Add a dash of cinnamon and you have a crunchy go-with for meat.

Blend bits of candied cherries and slivered almonds — not toasted — with whipped honey. Spread on split English muffins and put under the broiler until golden brown. Makes an easy hot bread for breakfast or to serve with hot chocolate for an afternoon snack.

Forms of Honey

Most of the honey marketed in the United States is extracted honey . . . that is, honey that has been separated from the comb. Sold in liquid form, extracted honey accounts for the greatest share of honey sold.

Crystallized honey is becoming more and more popular. It may be called creamed honey or honey spread . . . it has a fine texture, spreads easily, and doesn't drip.

Comb honey is sold as section-comb, cut-comb, and chunk honey. **Section-comb** honey comes in the wooden frames in which the bees stored the honey, usually weighs just under a pound The wooden sections may be in paper or cardboard cartons or in transparent wrappers. **Cut-comb** honey has been taken out of the frames, cut in pieces and each piece wrapped separately. **Chunk** honey consists of peices of comb honey in a container with liquid honey filled in around them

Good To Know Anytime

Beef cuts for pot roasting include the arm or blade bone cut from the chuck or shoulder rolled rump, English or Boston-cut pot roast, and heel of round. Cross cut beef shanks and short ribs are good for the small family. Seasonings may be as little as salt and pepper for a pot roast, or you may use one or two of the many herbs and spices.

Special Adis For New Homemakers

Something special for brides is available from the U. S. Department of Agriculture.

The Department has a packet of publications that will help new homemakers in buying, preparing, and protecting food, and in the protection and care of fabrics. This service is a part of the Department's Centennial program this year.

In an attractive folder entitled "Packet for the Bride," the assortment of publications ranges from recipe booklets to tips on home laundering. Other publications tell how to buy foods according to USDA grades.

The packet is the latest innovation in the Department's efforts to make its consumer services more readily available and widely known.

Single copies of "Packet for the Bride" will be sent to brides who request it from the Office of Information,, U. S. Department of Agriculture, Washington 24, D. C.

● For The Farm Wife

(Continued from Page 15)

kneaded when smooth and sat into a smooth ball and placed in a greased bowl. Turn dough over after placing it in bowl, so top surface of dough is lightly greased also. This will prevent crusting during rising.

Because No-Knead and batter doughs are soft the gluten is developed sufficiently when beating the dough Batter and no-knead doughs cannot be over-beaten. The gluten structure is not as strong as in a kneaded bread but this is compensated for by the eggs required in these doughs which help support the dough structure No-Knead doughs are not satisfactory without eggs.

Rising should not progress too rapidly or too slowly for good bread. Cover bowl of dough and place in an 85 to 90 degree temperature away from drafts until dough has doubled in size A steady warmth can be maintained in several ways:

1) Place bowl of dough in pan of warm water; keep water warm throughout rising period

2) Place pan of hot water in bottom of unheated oven and bowl of dough on rack above it Close oven door.

3) Place dough in oven with pilot light; leave oven door open several inches.

Press two fingers deeply into dough. If impression remains, the dough has risen sufficiently. When dough has risen as many times as directed in recipe it is ready to be shaped into loaves or the various types of rolls.

*****

BAKING

Baking sets the gluten, stops the rising and brings out the flavor The leavening gas in the dough expends during the first ten to twelve minutes in the oven Baking temperatures for yeast breads may range

(Continued on Page 17)

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PAYS 6% INTEREST* IN CASH
ON FULL PURCHASE PRICE
No cash needed. Your trade-in may cover the down payment. And, Oliver will also pay 6% on the balance you finance.* See the big line-up of new Oliver equipment. See how much you can save by trading now!
*Per annum rate from purchase until use date on trade-in, cash payment and qualified finance program.
TO-DAY!
Get a better deal on better machinery.
N. G. Hershey & Son
Manheim, R. D. 1
Farmersville Equipment Co.
Ephrata, R. D. 2
Chas J. McComsey & Sons
Hickory Hill, Pa.

LICK MASTITIS!
Switch TODAY To Maes
WORLD'S LARGEST-SELLING NARROW BORE!
This inflation helps prevent and clear up Mastitis. Also milks cleaner, faster. Available in Narrow-Bore, Medium-Bore or Large! Use the Original, Proven Best—Maes—preferred by over 50,000 dairymen.
STOCKED and SOLD BY
only 85¢ EACH
Fits SURGE Shell
Wolgemuth Bros. Inc.
Florin, Penna.
Phone Mt. Joy 653-2411

No Other Protein Need When You Feed
SPECIAL TANVILAC
Feeders Say . . . "The Most Economical Feeding Plan of All"
No trouble with scours or cattle going off feed. You'll be more than satisfied with our feeding program for you'll get healthy stock, quick gains at low cost. Remember, there's a FEED LOT PROVEN TANVILAC CULTURE PRODUCT FOR EVERY FARM-FEEDING PURPOSE.
USE ONLY ½ LB. SPECIAL TANVILAC PER HEAD PER DAY WITH GRAIN AND ROUGHAGE — GET BIGGER PROFITS
FOR MORE PROFITS—MAIL COUPON
THE TANVILAC COMPANY, INC.
6th & Corning Aves., Box 96, Highland Park Station, Des Moines 13, Iowa
● Please Send Me Additional Information about Special Tanvilac.
I have _____ Cattle
NAME _____
ADDRESS _____
THE TANVILAC CO. INC.
6TH AND CORNING AVE
DES MOINES IOWA
C. O. NOLT
LOCAL DISTRIBUTOR
BIRD-IN-HAND Phone Lanc. 397-0751

10 BIG REASONS
WHY YOU SHOULD PLANT
FUNK'S G-HYBRIDS
1 More bushels per acre
2 Good field stands
3 Drouth resistance
4 Strong standing stalks
5 Corn that holds its ears
6 Top insect, disease resistance
7 Effective use of soil fertility
8 Safe, trouble-free harvest
9 Big tonnages of silage
10 Quality, high feed value grain.
FUNK'S G HYBRID
The hybrids with MORE CAPACITY TO PRODUCE
See Your Hoffman Seed Man or Phone 898-3421
A. H. HOFFMAN SEEDS, INC.
Landisville, Pa.

CHECKERBOARD

service bulletin

INCREASE YOUR INCOME with

Mr. Poultryman, are you getting ready for profitable commercial operation in the years ahead?

As you know, some farmers are expanding flocks for more income; streamlining equipment and housing for peak of performance.
If you are thinking along these lines, ask us about the Purina high density plan. It's a plan worked out by Purina engineers, Purina Research Farm specialists, and by field experience. It answers questions you will want to know about bird density, housing, insulation, controlled environment, egg handling.
Drop by our store today, and prove to yourself . . . Purina service helps you increase your income.

Science is working hard in Purina's modern laboratories

Science is working hard for you at Purina's modern, new laboratories, Checkerboard Square, St. Louis. Each month, some 25,000 quality-control tests are run on hundreds of ingredients and chemicals used in today's complex feed formulas. Exacting and time-consuming, yes . . . but such work by Purina's dedicated team of scientists is one of the underlying reasons why Purina has led the way in better feeding methods for 68 years.

Purina doesn't believe in experimenting with you, the customer. That's why its laboratory facilities were recently doubled in size . . . to better assure you of top-quality ingredients and precision-formulated Chows worthy of the Checkerboard trademark. This modern laboratory is evidence, too, of Purina's desire to keep abreast of the very latest in animal nutrition . . . to help you produce more meat, milk, eggs and wool more efficiently.

GET RID OF LICE ON YOUR HOGS

ow can go after lice and fleas, help prevent the spread sarcoptic mange anytime with Purina Hog and Cattle usting Powder. There's no need to worry about spray- your hogs in cold weather. Just rub Hog and Cattle usting Powder into the hair coat of each hog and scat- it in the bedding.

've got Hog and Cattle Dusting Powder in sturdy, 20- fiber pails at our Checkerboard Store. Pick one up w. And be sure to ask us for your free G-4 Insecticide ister that comes with each pail you buy!

To stop lice and fleas, dust your hogs with Purina Hog and Cattle Dusting Powder. It's finely ground — gets down next to the skin where it does the most good.

John B. Kurtz
Cedar Lane

S. H. Hiestand & Co
Salunga

Whiteside & Weicksel
Kirkwood

John J. Hess, II
tercourse - New Providence

John B. Kurtz
Ephrata

Wenger's Feed Mill, Inc.
Rheems

Ira B. Landis
Valley Road, Lancaster

James High
Gordonville

J. H. Reitz & Son, Inc.
Lititz

Warren Sickman
Pequea

John J. Hess
Kinzers - Vintage

● For The Farm Wife

(Continued from Page 16)

from 350 to 425 degrees The higher temperatures produce a browner, crisper crust and the baking time is slightly shorter. Baking time depends partly on size of loaves.

A test of doneness of bread is to tap the loaf with the knuckles If baked through, it sounds hallow, the loaf is also well browned and shrinks slightly from sides of pan. When the bread is baked, remove from the pan immediately to prevent a soggy crust.

STORAGE

Cool breads thoroughly before placing in bread box. Breads also store well in plastic bags or aluminum foil. Bread should not be stored in the refrigerator unless you are having a problem with mold Research has shown that refrigerator storage hastens staling Bread may be kept for several months in perfect condition in your freezer, wrapped in moisture-vapor-proof material.

FREEZING

Yeast breads and quick breads can be frozen Length of storage should not be more than three months We recommend freezing the baked product. Unbaked dough may lose some of its rising capacity while frozen, the bread when baked would be coarse in texture and smaller in volume.

A real convenience is to slice the cooled bread Then wrap and freeze The slices can be toasted without thawing For sandwiches, butter and spread the frozen slices or bread The frozen slices help to "refrigerate" a lunch box

We could not give you these suggestions for making home-baked breads and rolls without sharing some recipes with you. Watch for this column next week when we will have some yeast recipes that we're sure you'll want to try.

HAY BRINGS $53.50 AT JOHN HERR SALE

Hay sold up to $53 50 per ton at the John G. Herr sale last Saturday.

At the farm on Rt 72 about 14 miles south of Lancaster, straw sold up to $38 per ton. Corn brought $42 50 a ton.

Seventeen heifers, 10 of them springing, averaged $252,50 per head and eight holstein steers weighing about 600 to 800 pounds brought $197 00 per head

Driller and Kreider were the auctioneers.

PUBLIC SALE

— of —

Stock, Implements, and Grain

Wednesday, February 20, 1963

On the premises located one mile South of Hummelstown on the Walton Estate Farm; coming from Harrisburg on By-Pass, first road to right after passing large school; coming from Hershey, first road to left after passing cloverleaf; watch for Sale Signs.

17 Head of CATTLE — 10 COWS
Some fresh day of sale; Some springers;
3 Hereford Bulls — 4 Steers
HOGS—1 Spotted Poland China Sow
1 Berkshire Sow, 1 Berkshire Seed Hog
50 Muscovy Ducks
FARMALL "M"

With hydraulic remote control and H and M overdrive; H and M two-row cultivator International three-bottom mounted disc plow for H and M; H and M Manure Loader; Farmall "C" with back hoe and grading blade; Farmall "A" with mounted Moldboard Plow; disc plow, corn planter and cultivator; John Deere three-bottom hydraulic plow on rubber; John Deere Hydraulic Cylinder; John Deere Hydraulic Disc Harrow on rubber; John Deere double disc grain and fertilizer drill on rubber; Case 6 foot combine with motor and grain tank; New Holland Hay Blaer; New Idea Tractor Mower; Mayers Mower and Krimper; New Idea one-row Corn Picker; four-section spring harrow; cultipacker; tractor manure spreader; Mounted Oliver Field Sprayer; New Idea Hay Rake; hay loader; rubber-tire wagon; iron wheel wagon; portable air compressor; Studebaker "U" tag Truck with all steel grain bed; two-hole corn sheller; sawbuck; oil drums; 5 gal. gas cans; log and cow chains; pulleys; single and double trees; forks; shovels; butcher equipment including kettles, power meat grinder, scalding trough, cleaver, forks and knives; hill side hitch for Oliver Tractor; rotary lawn mower; rototiller; milking machine; burlap bags; four 6.70x15 tubeless tires and wheels; lot of scrap iron; used brick and cinder block; 5 tons, more or less, of baled straw and some hay; 200 bu., more or less, of Barley; 300 bu., more or less, of Oats; 14 ton, more or less, of Ear Corn; some Household Goods; and a lot of articles too numerous to mention.

Sale to commence at 11:00 A.M., when conditions will be made known by

James E. Orwan and Rose E. Orwan

Dupes, Gerberich & Stover, Auctioneers
Horst & McNiel, Clerks

Refreshments to be served by the Friendly Service Class of Sand Hill Lutheran Church.

SALE REGISTER

Tuesday, February 26, 1963 — 12 Noon Sharp — Public Sale of Dairy Cattle, Farm Machinery and Household Goods on the property situated along road from Lititz to Manheim, 1½ miles west of Lititz, Warwick Twp., Lanc. Co., Penna., by J. Clayton Sangrey, Kreider & Diller, Aucts.

Thursday, March 7 - Public Sale of Farm Equipment and household goods by Samuel E. Merkey, Manheim R D. 2 near Erisman's Church.

Saturday, Jan. 26 — John H. Herr, along Rt 72 Willow Street Real Estate and personal property Sale at 11:30.

Saturday, Feb 2 — John G. Herr, 1 mile west of Buck along No. 372, Holstein Cattle and Hay, Straw, Corn. Sale at 1 00 P M.

Tuesday, Feb 5 — Raymond E and Ruth N. Newell, 3 miles south of Oxford, 1 mile west of Chrome, East Nottingham Twp Chester Co, Dairy cattle and farm equipment at 11 30 A M

Saturday, Feb 9, 9 30 a m Gettles garage between Kleinfeltersville and Newmanstown, near Strickler's town, Garage tools and real estate Sanger Auct

Saturday Feb 16 — 12 30 70 acre farm, two miles South of Schuylkill Haven Joseph Laubenstein, farm stock and real estate Sanger Auct.

Saturday, Feb 9 — 11 30 a m Public Sale of Holstein dairy cows, heifers and farm equipment, along Rt 372, one mile west of Christiana, Lanc County Terms by John Baxter, LeRoy Zook Auct

Monday, Feb. 18 — 12 noon. Public Sale of Registered Holsteins and Farm Equipment, along Route 230, just east of Mount Joy. Lancaster County, Pa. by Lloyd A. Derr

Monday, Feb. 18 — Lloyd A. Derr, 1 mile east of Mount Joy along No 230, at 11 30 A.M. Registered Holstein Dispersal and full line of farm equipment

Wednesday, February 20, 1963 — Public Sale of stock, implements and grain, located one mile south of Hummelstown on the Walton Estate Farm Sale at 11 00 a m. by James E Orwan and Rose E. Orwan.

Tuesday, Feb 26 — Clayton Sangrey, just west of Lititz, Pa, Holstein cattle, fat bulls and full line of farm equipment. Sale at 11 30 A M.

Tuesday, March 5 — Adam Esbenshade, 1 mile south of New Holland, Pa Holstein Dispersal, full line of farm equipment. Sale at 10 00 A M

Saturday, March 9 — 9 30 a. m Phares Hoke, three miles north east of Fredericksburg Farm livestock and equipment Sanger Auct.

Tuesday, March 12 — Clarence Styer, 1 mile east of Fairmount, Lanc. Co. Hay, corn and full line of machinery.

Saturday, March 16 — Ira Shumate, near Fairmount, (1 mile east) Lanc. Co Registered Guernsey Dispersal and full line of farm equipment.

Saturday, March 16 — 9:30 a m. Thomas Schneck — 134 acre farm, Angus cattle, hogs and equipment. Three miles south west of Pine Grove.

Monday, March 18 — Paul McCleary, South of New London, Chester Co., between New London and Rt. No. 841. 80 head of dairy cattle, Holsteins and Guernseys and full line of farm equipment at 11 00 A.M.

Saturday March 23 — Everett Cowon — 4 miles west of Coatesville along Rt. 30, Chester Co Full line of farm equipment at 12:30 P.M.

Saturday, March 23 — 9:30 a.m. George and Harvey Fritz. Two miles east of Elverson along Rt. 23, 203 acre farm, Holstein cattle and farm equipment.

JOHN DEERE

TRACTORS

520 and 70

Allis Chalmers WD with plow, cultivator. Used John Deere N, PTO spreader.

EDWIN HURST

Adamstown. 484-4391

PAUL Z. MARTIN

FARM EQUIPMENT SALE

Wednesday, February 13, 9:30 A.M.

BLUE BALL, PA. LANCASTER CO.

Tractors, implements, equipment, machinery. Hdwe., hay and straw.

We sell on commission.
Phone New Holland 717-354-6671
Next sale March 13, at 9 A.M.

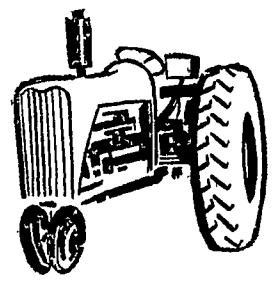
Big All Day PUBLIC SALE

Saturday, February 23, 1963

at 9:30 A.M.

One half mile east of Elizabethtown Square, Lancaster County, Pennsylvania.

Stock and Farm Machinery of 2 Farms



43 Certified and accredited and blood tested Wisconsin Holstein Dairy Cows.

6 Head Young cattle.
13 Steers averaging 500 lbs.
4 Pair heavy Mules, 6 to 9 years old — All mules will be hitched.
2 Pair heavy Horses, 3 to 7 years old.
5 Farm tractors, 2 cars, 1 truck
50 Pieces Tractor drawn machinery.
30 Pieces Horse drawn machinery.
10 Sets of front gears, lot of sleigh bells and collars, bridles. Big lot single, double and triple and quadruple trees.

Full line of Tobacco and Dairy equipment. Hay and Straw.

SPECIAL — Mr. Bashara will be here with a load of dress material and Gold watches.

Eats and refreshments by Bachmanville Church of the Brethren.

Melvin Sager

Phone Elizabethtown 367-3326

Bill Wagner, Walter Dupes, Ralph Horst, Auctioneers
Eli P. Miller, Milt Hess, Simon Kraybill, Clerks

Financing arrangement on or before day of sale.

Free Bus Schedules: leave Rawlinsville 7:45 A.M., Strasburg Bank 8:00 A.M., Georgetown Store 8:10 A.M., Christiana Drug Store 8:20 A.M., Gap Clock 8:25 A.M., White Horse Hotel 8:35 A.M., Intercourse Bank 8:45 A.M.

PUBLIC SALE

BRED GILTS — FALL BOARS

SAT., FEBRUARY 23, 1963 at 1:00 P.M.

MARTIN'S SALES STABLES

BLUE BALL, PA., LANCASTER CO.

50 bred gilts, 10 fall boars, 7 breeds
Lancaster County Swine Producers Association, Inc.
James Z. Martin, Sec.-Treas.
Rt. #1, Christiana
Paul Z. Martin, auct.

Special Mule & Horse Sale

At VINTAGE SALE BARN

Saturday, February 16,

1:00 P.M.

Mules and Horses from Kentucky, Tennessee, Missouri, and Illinois.

PUBLIC SALE

Of

58 Acre Farm - Livestock Farming & Butchering Eqpt.

Wednesday, February 20, 1963

12:30 P.M.

(Farm to be Sold at 1:30 P.M.)

The undersigned will sell at Public Sale on the premises located 2 miles North of Lititz, turning left off of Route 501 at Lexington a

2½ Story

FRAME HOUSE

containing 8 Rooms with Shop attached, Bank Barn and other Buildings, along hard road.

LIVESTOCK

6 Head of Holstein and Guernsey Cows
Also some Heifers — (T.B. and Blood-tested)
Shoats and Sows

FARM EQUIPMENT

FORD Tractor, Culivator, Plow and Mower
1950 2-door DODGE Sedan

Oliver Manure Spreader, 2-wheel Trailer, 2-row Tobacco Planter, Rubber Tire Wagon, Roller, Harrow, 2-set of Tobacco Ladders, Grain Drill, lot of Log Chains, 4 Block and Tackle, 40' Extension Ladder, single Ladders, Hay Conveyor, Corn Sheller, lot of Oak, Walnut and Poplar Lumber, Fence Posts.

Chicken Coops, Tobacco Press, 4000 Tobacco Lathe, 3 Iron Kettles, 2 Copper Kettles, Chopping Benches, 1½ ton Chain Hoist, Lard Press, Sausage Maker, Knives, and lots of other Butchering Tools. Lot of Carpentering Tools - Corn and Hay by the Ton Many other articles.

Terms By

Isaac B. Weidman Estate

HENRY SHREINER, Auct.
DIEHM and ERB, Clerks
OWEN HERSHEY, Attorney

Farm Women Hear Talk By African Student

Mrs. James Roth, Lititz, R. 1, entertained Society of Farm Women No 1 at her home Saturday afternoon. Mrs. Roy Brubaker led the group singing and Mrs J. Howard Wolf led the devotions.

Mrs. Abram Bollinger and Mrs Ira Shearer' gave reports on the farm convention held recently at Harrisburg. Mrs. Roth for the Ways and Means committee announced a rummage sale to be held Friday, April 26 in the I.O.O.F. Hall, Lititz. The Society also will sell food at two sales to be held this spring.

Tom Dugba, a student at Millersville State College was the guest speaker. He is an African student in Manual Training and will return to his native country where he taught since he was fourteen years of age

The next meeting will be held at the home of Mrs Richard Buckwalter with Mrs. Floyd F Coy as co-hostess. Mrs. Marlin L Schaffstall will be the guest speaker Her subject will be "Behold the Man".

Livestock Auction Market

EVERY TUESDAY

Starting Promptly at 1:30 p.m.

Starting with bulls, steers, heifers, cows, hogs and calves.

We get top $$ for your Livestock
Give us a call — HI 2-4181

Vintage Sales Stables, Inc.

VINTAGE, PA.

Frank Dussinger, Manager

New Holland Sales Stables

Horse Sale — Every Monday at 11 A.M.

Fat Hogs & Calves — Every Monday at 2 P.M.

Dairy Cattle — Every Wednesday at 12:30

Beef Cattle and Calves —
Every Thursday at 12:30

JOHN H. GINGRICH, Mgr.

Ph. New Holland 354-2194 New Holland, Pa.

Farm Women 6 See Pictures

Kenneth Myer, representing the Elizabethtown Area Future Farmers of America showed pictures of his agriculture trip to the west coast at a recent meeting of the Society of Farm Women 6 in the home of Mrs. Jones Parrett, 352 Park St., Elizabethtown

Myer's trip was sponsored by the local chapter of FFA.

A contribution was made to Heart Haven in Lancaster. Reports on the state convention in Harrisburg last month were made by Mrs Mark Geyer, Mrs. Samuel Myer and Mrs. Milton Eberly President, Mrs. Harry Saylor, was in charge of the meeting

Co-hostess with Mrs Parrett were Mrs Lester Breneman and Mrs Saylor

A transport plane lands or takes off someplace in the U.S. every 1½ seconds

Public Sale

Of

Dairy Cattle and FARM MACHINERY

On road from Lititz to Manheim, 1½ mi. west of Lititz, Warwick Twp., Lancaster Co., Penna.

Tuesday, February 26, 1963

12 Noon Sharp

19 Head Holstein Cows

Blood tested and T.B. Accredited, Charts furnished day of sale.

FARM MACHINERY

3 tractors, Farmall H, Farmall 230 with cults., two years old, Allis Chalmers B with cults., plow and horndralic manure loader, New Holland 67 baler (like new), International 7 ft. semi trailer mower, Int. side delivery rake, Oliver raydex 14 in. two bottom plow, John Deere Kilhefer heavy duty disc, 3 sec. spring harrow, Dunham cultipacker, land roller, 2 rubber tired wagons, (New Idea and Case) both with good beds, 1 tobacco wagon with 22 ft. ladders, 2 tobacco ladders 22 ft. and 20 ft. long, Stauffer 2 row tobacco planter, McD fertilizer drill, McD grain drill with band seeders, McD cornplanter, New Idea Manure spreader, 10,500 tobacco lath, Minninch tobacco press, stripping room stove, tobacco shears and spears, air compressor.

APPROXIMATELY 30 TON EAR CORN

800 pullets and hens, 14 fat bulls, 12 Yorkshire shoats.

Tractor tire chain, heavy vise, double electric brooder, brooder stove, 3 range shelters, Keenco egg washer, chicken feeders and waterers, metal nests, egg baskets, battery fencer, steel posts, manure sled, Stewart electric clippers, cow gentilizer.

MILKING EQUIPMENT

2 Unit Surge seamless milker, stall cocks for 19 cows, 6 can milk cooler, 18 milk cans, double wash cans, can racks (strainer and buckets stainless steel), electric water heater.

HOUSEHOLD GOODS

Dining room suite with extension table, Maple bedroom suite, kneehole desk, Kelvinator stove and refrigerator, extension table, coffee table, 2 - 12 x 15 wool rugs, mirrors, lights, many other articles too numerous to mention.

Terms by

J. Clayton Sangrey

KREIDER & DILLER, Aucts.
Carl & Griffith, Clerks

Lunch by Farm Womens Society No. 1

Public Sale

of

Livestock – Farm Equipment Household Goods & Antiques

Thursday, February 21, 1963

11:00 A.M.

The undersigned will sell at Public Sale on the premises located one mile North of Landis Valley along the Kissel Hill Road the following —

LIVESTOCK

12 Head Fat Steers — 20 Holstein Cows — some fresh by Sale Day — Accredited and Blood Tested.

FARM EQUIPMENT

'59 Chevrolet Pick-Up Truck - 33,000 Actual Mileage S-C Case Tractor with Cultivator - good condition, 335 M.M. Tractor with 1100 hours, 2-bottom 14" Ford mounted Plow, Ford mounted Cultivator with Tobacco Howers, AC. PTO 5 foot Combine with Bagger, 6 Bar Massey Harris Side Delivery Rake, 13 Disc McCormick Grain Drill, International Corn Planter - used 3 years.

McCormick Deering 7 ft. Trailer, Grass Mower - used 2 years, Stauffer Tobacco Planter, New Idea Manure Spreader, AC. 28 Disc Harrow, John Deere 24 Disc Harrow, John Deere 4-section Spring Harrow, Tobacco Fan - used one year, 2-section Rotary Hoe.

3-ton Grove Wagon with 16 foot Bed and Side Boards, 1 double set - 22 Foot Tobacco Ladder, 1-20 foot on Steel Wheels and 2-22 foot Tobacco Ladders on Steel Wheels, 14" Stationary New Holland Hammer Mill.

3 Range Shelters, 3 Chick Batteries - 500 - 750 - 1000 size, Chicken Feeders and Water Fountains.

2 Unit Surge Milker, Surge Water Heater - 15 Gal., International Milk Cooler - 4 Cans, Can Racks, Twin Tubs, 2 closed Milk Pails & Strainer, 18 Milk Cans.

2 Minnich Tobacco Presses, 1000 lb. Platform Scales, Stripping Room Stove, Heavy Log Chain, Planet Jr. Garden Tractor, 10 Ton Ear Corn, and many articles too numerous to mention.

HOUSEHOLD GOODS

Bedroom Suite with Spring and Mattress, Iron Bed with Spring and Mattress, Crib, Bassinet, Sewing Cabinet, 2 Dressers, Roll-away Bed and Mattress - like new, 2 Blanket Chests, 2 large Mirrors.

3 pc. Living Room Suite, Extension Table (22 ft.) Walnut - like new, 12 ft. Table, Large Wood Chest, Flour Chest, 6 Kitchen Chairs, 6 Old-fashioned Chairs, Rocking Chairs, Book-case, Large Estate Heatrola, Kitchen Stove - two lids - like new, Tappan Gas Range - like new, clothe Trees.

Gas Heater, Sewing Machine, Iron Kettle, Window Screens, 2 Benches, 4 Wardrobes, Crocks, Empty Jars, Electrolux Sweeper, Kenmore Floor Waxer, Enameled White Sink, White Cupboard and many more articles too numerous to mention.

Terms by

Samuel H. Martin

HENRY SHREINER, Auct.

PUBLIC SALE

Of

Registered Holsteins

And

Farm Equipment

Mon., Feb. 18, 1963

Along Route 230, just East of Mount Joy, Lancaster County, Pa.

35 Registered Holstein Cattle 35

25 Cows, of which 15 are due to calve about sale time or shortly after. 10 Heifers, 4 bred for Fall and balance younger. Mostly sired by S.P.A.B.C. and bred to same. Certified, T.B. Accredited and Vaccinated Cattle that will please.

An Exceptional Line of Case Equipment Used Only Two Years, Case Model 600 Tractor with 305 Hours, Case Model 530 Tractor with 744 Hours.

With Cultivator
CASE MODEL 191 HEAVY DUTY MANURE LOADER
CASE 3-POINT MOUNTED 3 BOTTOM PLOW
(Individual Trip Bottoms)
CASE 28-DISC,
WHEEL DISC HARROW
CASE MODEL 200 BALER

Model G A.C. Tractor, Mounted Plow, Cultivator

New Idea Tractor Manure Spreader, J.D. Semi-Mounted 7-Foot Mower, New Idea Side Delivery Rake, McD. Side Delivery Rake, Bemis 2-Row Tobacco Planter, Black Hawk Corn Planter, J.D. Power Lift 2-Bottom Plow, McD. 28- Disc Harrow, Brillion Cultipacker, 2 Flat Bottom Wagons, 3 Single Tobacco Ladder Wagons, 1 Double Ladder Rubber Tire Wagon, Land Roller, 2 Minnich Presses, 2 Fairbanks Platform Scales, Grass Seeder to Mount on Drawbar.

Dairy Equipment

2-Unit DeLaval Milker, Pipe, Pump, Front Opening Milk Cooler, Pails and Articles too Numerous to Mention.

Sale at 12 Noon

Terms by

Lloyd A. Derr

Auctioneers:
Carl Diller
ST 6-2712
J. E. Kreider
BU 4-4517
Phone 653-7095

Refreshments by St. John's Lutheran Church of Maytown

More Chemicals On The Way

New York, N Y — John Q. Citizen will face many more new herbicides and pesticides as he tackles the insect and weed problem in the future according to papers presented at the 17th Annual Northeastern Weed Control Conference held at the Hotel New Yorker in New York City last week.

The present and future status of pesticide tolerances, a recent controversial topic, was discussed by Parke C Brinkley, President of the National Agricultural Chemical Association of Washington, D C

Brinkley noted that in 1951 there were 109 different basic, synthetic, organic pesticide chemicals produced in the United States "The number has nearly doubled in ten years", Brinkley pointed out He adds, "We now have 193 pesticides".

"Herbicides are an economic necessity We have to substitute herbicides for labor", Brinkley said

"One-third of the cost of putting pesticides on the market is used to double check the product to make sure it is safe for the consumer as required by the federal government", the expert said Brinkley praised pesticides for their contributions to our welfare and said, "Pesticides have saved more lives than all of the wonder drugs combined" He noted that DDT alone saved 5,000,000 lives and prevented 100,000,000 illnesses due to insect carriers of disease organisms.

Leland G Merrill Jr , Dean, College of Agriculture, Rutgers the State University of New Jersey, New Brunswick, New Jersey, spoke on Pesticides in a Balanced Environment, and told the conference that "The absolute mandatory and judicious use of pesticides integrated with the battle to hold back the elements is resulting in a much more favorable balance of the environment toward mankind" Merrill further stated, "I have full confidence that effective use of chemicals under reasonable government controls in combination with the other means of pest control will give every day to man an increasing advantage over environmental agents" He charged the people at the meeting to do everything to inform the public of the value of pesticidal usage

Industrial companies introduced a dozen new herbicides for 1963 as 700 state, fereral and industrial workers from 15 states gathered for the conference.

Two Countians Take Course On Fallout

Larry R Corson & Richard A Shipman of the U.S Soil Conservation Service in Lancaster County attended a radiological monitoring, training school at Harrisburg last week.

At the two and one-half day workshop instructions in the use of Geiger counters for detecting radioactivity in the soil were given by Dr F Glade Loughry of the Soil Conservation Service and Mr Richard Lane of the Pennsylvania State Office of Civil Defense

Corson & Shipman also received training on methods which farmers may use to minimize injuries from radioactive material to livestock and farm products used for animal and human consumption

Lancaster County had been designated as one of the Pennsylvania stations scheduled to assemble data on radioactive fallout.

Dog Owners Are Reminded To Buy Licenses

HARRISBURG — Dog licenses for 1963 are overdue — have been since Jan 15, the Bureau of Animal Industry, Pennsylvania Department of Agriculture, reminded today in announcing a checkup that is soon to start on all unlicensed dogs

Walter H. Miller, chief of the BAI's dog law division, warned that dog law violators are "liable to fines ranging from $5 to $100, plus costs, or imprisonment not exceeding 30 days, or both "

Miller said "it is not the wish of the Bureau of Animal Industry or enforcement officers to make prosecutions. Rather, the checkup aims at the licensing of all dogs with homes and the disposal of strays and homeless dogs.

The purpose of the Pennsylvania Dog Law, he explained, is the proper control of dogs for the protection of the public, the protection of property, and the protection of properly licensed and tagged dogs.

All dogs over six months of age must be licensed. Dog licenses may be purchased at county treasurer offices, or may be ordered through any notary public, justice of the peace, or alderman.

"The purchase of a license," Miller warned, "does not permit your dog to run at large unaccompanied. If found running at large, it can be picked up by any officer.

Farm Women 10 Bring Valentines To Meeting

Society of Farm Women 10 brought valentines to a recent meeting in the home of Mrs. Abram Miller, 1130 Farmingdale Road.

The valentines, however, were not for the members themselves. They were to be distributed to the children in the Elizabethtown Crippled Children's hospital and the special education classes at Conestoga Valley and Hempfield Elementary schools. The society also voted a $15 donation to Heart Haven.

It was announced that bus reservations to the Philadelphia Flower show on Wednesday, March 13 are to be made with Mrs. Jacob Evans, 451 W. Chestnut Street, Lancaster Mrs. John Habecker and Mrs. Cyrus Neff reported on the state convention in Harrisburg last month.

Mrs. Edgar Porter spoke in the absence of her son, Glenn, who spent six months in Nepal during the latter part of 1961 and the early part of 1962. Glenn is now in the U.S. Armed Services.

The next meeting will be held Saturday, March 2, in Kauffman's Tea Room, East Petersburg, when the hostesses will be Mrs. Wayne Brubaker and Mrs. Fred Aungst. A white elephant sale will be featured.

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